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December 14, 2006

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Des Moines IA 50319

Margaret A. Thomson
Chief Clerk of the House
State Capitol Building
Des Moines IA 50319

Dennis C. Prouty, Director
Legislative Services Agency
State Capitol Building
Des Moines IA 50319

Re: Economic Development and Technology Transfer Report

Dear Members of the Iowa General Assembly:

Pursuant to Iowa Code, 2005 Iowa Acts, and 2006 Iowa Acts, the enclosed annual report includes information from the University of Iowa, Iowa State University, the University of Northern Iowa, and their respective research foundations as follows:

<u>Iowa Code</u> 262B.3	Progress of Regents Institutions on Tech Transfer
House File 809	Iowa Values Fund
House File 2459	Patents and Licenses

If there are any questions concerning this report, please do not hesitate to contact us.

Sincerely,

Gary W. Steinke

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Enclosures
cc: Legislative Liaisons
Legislative Log

**The University of Iowa
2006 Annual Economic Development Report
Submitted to
The Board of Regents**

EXECUTIVE SUMMARY

Inspired by the Grow Iowa Values Fund (GIVF) and the Battelle Reports on Biosciences, Advanced Manufacturing and Information Solutions, The University of Iowa took a fresh look at its economic development activities and reorganized and reinvigorated them in a way that engages the University more fully and effectively in Iowa's economic development. One important result was the formation in 2005 of the IOWA Centers for Enterprise. Another was the *strategic* investment of GIVF and Battelle funds in building the University's *capacity* to drive economic development based on its academic and research strengths and through the integrated efforts of the IOWA Centers for Enterprise. The GIVF and Battelle fund investments are *essential* to building the University's capacity to engage fully in Iowa's economic development.

The IOWA Centers for Enterprise is an integrated effort comprising the activities of six University units plus liaisons with each College on the campus. As an integrated organization, it embraces outreach, workforce development, technology transfer and commercialization, entrepreneurship, and research- and education-driven economic development. The six units of the IOWA Centers for Enterprise include:

- The University of Iowa Research Foundation (UIRF)
- The John Pappajohn Entrepreneurial Center (JPEC)
- The University of Iowa Small Business Development Center (SBDC)
- The Office of Corporate Partnerships (OCP)
- The Technology Innovation Center (TIC)
- The Oakdale Research Park (ORP)

Their contributions to Iowa's economic development are summarized in this report.

Institutional Economic Development and Technology Transfer Programs

The University of Iowa Research Foundation is a non-profit corporation closely aligned with the UI. It takes ownership of and manages UI created intellectual property (IP) and the subsequent revenue stream related to licensing technologies. The UIRF works closely with UI faculty in developing the strategies required to commercialize inventions and intellectual property through the creation of new companies. This includes (i) Intellectual Property protection strategies and execution; (ii) commercialization strategies relating to licensing to existing or new companies; (iii) business model development for UI spinout companies (new companies based substantially on UI technologies); and (v) due diligence on the viability of UI spinout companies.

UIRF invests human and capital resources in creating new business opportunities from that IP, some of which result in the formation of new companies and resulting jobs. For example,

one of our new companies is projecting approximately 25 new jobs to be employed by the company's R&D division located in Iowa City. In FY06 the UIRF received 89 disclosures of intellectual property, filed 178 patent applications related to University innovations, had 56 patent applications mature into issued patents, completed 43 license and option agreements related to University intellectual property, and received \$16.3 million in royalties and license fee income.

The John Pappajohn Entrepreneurial Center provides a rich program of education and outreach services to undergraduate and graduate students at the University of Iowa and broadly to the entrepreneurial community in Iowa. It sponsors youth outreach programs directly to young people and to middle school and high school teachers by training and supporting them through incorporating entrepreneurship into their classrooms. JPEC also provides a rich array of educational programs to entrepreneurs. It also sponsors a venture capital conference and is the regional administrator of the Wellmark Venture Capital Fund, a \$5 million fund created by Blue Cross and Blue Shield of Iowa to support the creation and growth of new businesses throughout the state. The Pappajohn Center also counsels entrepreneurs in forming business plans, obtaining capital for their business, and in a host of other business-support activities.

The Small Business Development Center provides a wide range of business counseling to small businesses in Iowa. In FY06 the SBDC served 260 clients in 51 communities located in 22 Iowa counties, served 192 startups, dedicated almost 2,500 hours to clients, assisted clients in obtaining almost \$7 million in loans, and supported the creation of an estimated 424 jobs by its small business clients.

The Office of Corporate Partnerships links Iowa businesses to University of Iowa knowledge resources. It links Iowa companies to other units of the IOWA Centers for Enterprise and helps companies link with technical resources, faculty expertise, student interns, graduating students as employees, and many other resources of the University. The OCP works closely with the Iowa Department of Economic Development in economic development activities in which the University of Iowa can serve as a resource, and it serves as the single point of access for companies having inquiries and requests for assistance. In FY06, the OCP completed 28 visits to Iowa biotechnology, advanced manufacturing and information solutions companies. It arranged visits of companies and individuals to the University of Iowa campus and identified technical needs of several companies and worked with units of the University to address those needs.

The Technology Innovation Center fosters the development of new technology-based business ventures by offering specialized facilities and services to sustain them in their early, most vulnerable years. **The Oakdale Research Park** provides established corporations with easy, sustained access to relevant research resources at The University of Iowa. Firms in the park can expect to establish and sustain working relationships with UI faculty scientists, physicians, and engineers.

The 40 active Iowa companies affiliated with TIC and ORP reported 1,513 employees earning an average salary of nearly \$60,000 (the four UI anchor laboratories at Oakdale

reported another 182 employees). The 1,695 employees of TIC/ORP affiliate companies and labs reported living in 21 counties and 65 cities and towns in Iowa, a regional labor shed covering approximately one-fifth of the State. Assuming a State income tax rate of 5%, employees of TIC/ORP affiliates paid approximately \$5.1 million in State income taxes in FY06. TIC/ORP affiliates reported employing 92 UI students, while 135 employees had earned doctoral degrees. In FY06 the TIC accepted two new tenant companies while four firms met their business goals upon “graduating” from the incubator. The ORP welcomed one new tenant, Innovative Software Engineering, Inc.

Grow Iowa Values Fund Projects

Using the University of Iowa allocation of Grow Iowa Values Funds, the Office of the Vice President for Research established and implemented a program that incorporates two distinct and interdependent phases: I-START, which is targeted at the short term goal of facilitating university-private sector partnerships in entrepreneurship and the creation of new companies and jobs in Iowa, and I-GROW, which is designed to address middle- to long-term commitments needed to strengthen the University’s *capacity* to promote and sustain high tech entrepreneurship and promote research- and technology-driven economic development in Iowa.

I-START funds are being used to:

- Renovate a building in the Oakdale Research Park that will be used to support the academic research and the company activities of an internationally known age-related macular degeneration researcher at the Carver College of Medicine. His innovation is the basis of a spin-out company that will address an unmet need in a very large (\$1B+) market.
- Provide gap funding for six faculty projects that show strong hope for commercialization. This funding is essential to move their nascent innovations down the developmental pipeline. All six projects have a corporate partner and/or are being groomed as spin-out companies.
- Provide support to bolster the activities of the Office of Corporate Partnerships, which in turn supports the IOWA Centers for Enterprise in serving as the single point of access to companies seeking to link with the resources of the University to meet their needs.
- Support the hiring of a Faculty Entrepreneurship Coordinator in The John Pappajohn Entrepreneurial Center. This entrepreneur contributes to the undergraduate and graduate entrepreneurship curriculum, provides outreach to the community of entrepreneurs in Iowa, and counsels students, faculty and the public at-large concerning entrepreneurship.
- Hire a nationally recognized consultant to assist in developing the vision for a reinvigorated Oakdale Research Park and Technology Innovation Center, and renovate meeting facilities used by tenants of the Technology Innovation Center when meeting with collaborators, venture capitalists, and the like.
- Support the activities of a software company started by University of Iowa students.

- Renovate the facilities of the Center for Biocatalysis and Bioprocessing to transform it into a facility that meets U.S. Food and Drug Administration current Good Manufacturing Practices standards necessary to be able to produce supplies of materials used in human clinical trials.

I-GROW funds are being used to provide a start-up funding package for the research program of Dr. Venkiteswaran (“Mani”) Subramanian, director of the Center for Biocatalysis and Bioprocessing (CBB). Dr. Subramanian brings 24 years of industrial experience to the University, and this start-up package was essential in attracting this highly entrepreneurial faculty member to The University of Iowa.

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INTRODUCTION

Inspired by the Grow Iowa Values Fund (GIVF) and the Battelle Reports on Biosciences, Advanced Manufacturing and Information Solutions, The University of Iowa took a fresh look at its economic development activities and reorganized and reinvigorated them in a way that engages the University more fully and effectively in Iowa's economic development. One important result was the formation in 2005 of the IOWA Centers for Enterprise. Another was the *strategic* investment of GIVF and Battelle funds in building the University's *capacity* to drive economic development based on its academic and research strengths and through the integrated efforts of the IOWA Centers for Enterprise. The GIVF and Battelle funds investments are *essential* to building the University's capacity to engage fully in Iowa's economic development.

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- The University of Iowa Small Business Development Center (SBDC)
- The Office of Corporate Partnerships (OCP)
- The Technology Innovation Center (TIC)
- The Oakdale Research Park (ORP)

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SECTION I.

1. Please briefly describe the relationship of your institution's economic development activities to the enhancement of economic growth in the state. The description should cover, but should not necessarily be limited to, the following:

- The relationship between institutional activities and creation of jobs in Iowa**
- Institutional activities and services which indirectly promote economic development, such as training provided to staff of local economic development agencies**

The University of Iowa Research Foundation.

The UIRF is a non-profit corporation closely aligned with the UI. It takes ownership of and manages UI created intellectual property (IP) and the subsequent revenue stream related to licensing technologies. UIRF invests human and capital resources in creating new business opportunities from that IP, some of which results in the formation of new companies and resulting jobs. For example, one of our new companies is projecting approximately 25 new jobs to be employed by the company's R&D division located in Iowa City.

In FY06, UIRF operating revenues were used to match GIVF funding targeted for commercialization projects, with the express intention of creating new companies within Iowa. These companies are classified as early stage high risk, and as such it is difficult to predict whether any will result in jobs, and if so, how many. More suitable measures for companies at this stage are factors such as the ability to attract management talent and financing.

UIRF is communicating with faculty far in advance of company formation, i.e., at the stage of intellectual property creation. As part of that process, UIRF is continually educating faculty on what is required to start and develop a company, and helping them to understand their role. UIRF also seeks local entrepreneurs to work with and help develop potential new UI spinout companies (new companies based substantially on UI technologies). Finally, as part of negotiating a license agreement, UIRF is performing "due diligence"- e.g. evaluating the business plan for viability and communicating that information back to faculty and entrepreneurs. Through these collective efforts, people are being educated on the entrepreneurial process, which ultimately could lead to more companies being formed and a larger number of more viable companies.

The John Pappajohn Entrepreneurial Center

Formed in 1996, JPEC is an innovator in delivering interdisciplinary courses and specialized life-long learning programs to meet the unique needs of aspiring entrepreneurs and leaders. JPEC offers academic programs and technology commercialization support.

Academic Programs

JPEC has developed a comprehensive, interdisciplinary program that combines academic coursework with experiential learning for all students across the UI campus. This innovative approach is designed to prepare graduates to pursue the creation of new ventures and apply entrepreneurship concepts in their career endeavors. Each year, over 2,000 students enroll in entrepreneurship courses at Iowa.

Certificate in Entrepreneurship

Students in business, health sciences, and liberal arts and sciences may earn the certificate in addition to their undergraduate degrees. The program encompasses advanced entrepreneurship theory and practice and teaches students how to apply entrepreneurship to their primary fields of study.

Technological Certificate

The first of its kind at any U.S. engineering college, the Technological Entrepreneurship Certificate gives engineering students specialized training on the entrepreneurial process. This program is a combination of advanced entrepreneurship and engineering courses specifically tailored for each engineering discipline.

Performing Arts Entrepreneurship Major

Performing arts students gain a competitive edge by earning an undergraduate degree in Performing Arts Entrepreneurship. Designed for students who intend to start their own business in dance, theatre arts, or music, this unique curriculum provides an avenue for developing core entrepreneurial skills.

MBA Concentration

The MBA Concentration in Entrepreneurship is designed for graduate students to study in an advanced, interdisciplinary environment, with applications from medicine, engineering, computer science, and business. A strong emphasis is placed on starting and growing technology-based ventures.

Experiential Learning

Student teams conduct field study projects for area early stage companies working with entrepreneurs in the biosciences, information technologies, and advanced manufacturing industries as well as faculty from the Colleges of Medicine and Engineering.

Entrepreneurship Club

Members of I-Envision, the campus wide entrepreneurship club, learn how to start and maintain businesses, work on community service projects, learn from successful entrepreneurs, and attend regional and national conferences. I-Envision is a member of the Collegiate Entrepreneurs Organization and Students in Free Enterprise.

Learning Community

Incoming first year students have the opportunity to live with like-minded students on the Leadership Community in Business and Entrepreneurship residence hall floor. This unique living and learning environment provides students with educational and social opportunities while introducing entrepreneurship as a field of study and career path.

Business Plan Competitions

In addition to national competitions, UI students compete for seed funding through the Volding Business Plan Competition, the Storer Engineering Start-up Award, and the statewide Pappajohn New Venture Business Plan Competition.

Entrepreneur-in-Residence

Sponsored by Iowa State Bank & Trust Company, this program partners successful entrepreneurs with business-minded students and includes intensive one-on-one mentoring. In addition, JPEC faculty and staff regularly mentor and assist UI student entrepreneurs, as well as help access capital including the Wellmark Venture Capital Fund, area angel networks, and other sources of funding.

Consider Iowa Internship

UI students gain firsthand experience at a start-up company through this unique internship program where entrepreneurship students work as paid interns in emerging Iowa businesses. JPEC provides training to the intern and business consulting to the host company.

Technology Commercialization

Providing specialized entrepreneurial education and consulting services to UI faculty, staff, and students is a major component of JPEC's overall mission to foster the spirit of innovation and entrepreneurship in Iowa. These activities lead to the creation and expansion of sustainable business ventures, while offering entrepreneurship students exciting experiential learning opportunities.

Technology Commercialization and Faculty Entrepreneurship

JPEC leads programs involving education and business support for technology-based ventures. The Center sponsors several seminars and workshops on entrepreneurship, technology commercialization, and new venture financing. One-on-one consulting and mentoring is also provided to UI entrepreneurs pursuing the creation of a technology venture.

E-Teams

JPEC faculty directs interdisciplinary commercialization evaluation teams of graduate students, faculty, and outside mentors. These teams conduct comprehensive market studies of UI-based technologies and often work closely with faculty entrepreneurs on the development of business plans for the creation of new technology ventures.

Technology Innovation Center & Oakdale Research Park

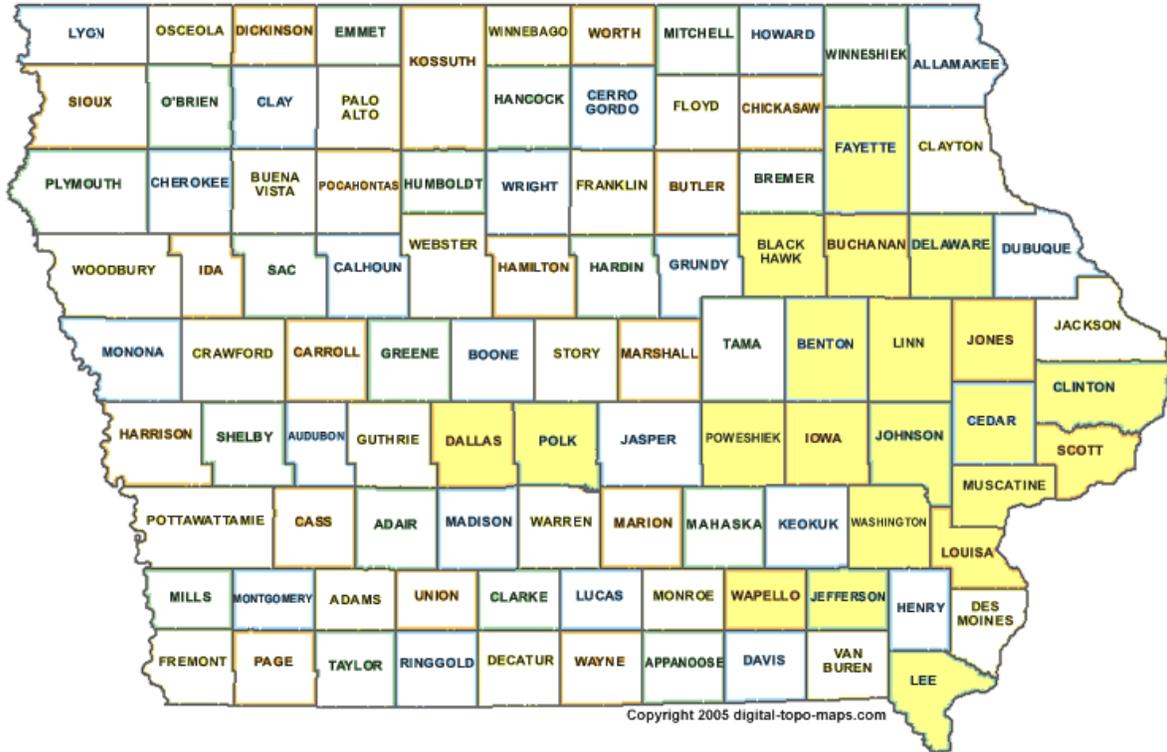
The Technology Innovation Center, the University's business incubator, fosters the development of new business ventures that make use of advanced technology. The Technology Innovation Center offers specialized facilities and services to emerging technology companies. The Oakdale Research Park provides established corporations with easy, sustained access to relevant research resources at The University of Iowa. Firms in the park can expect to establish and sustain working relationships with UI faculty scientists, physicians, and engineers. JPEC provides free consultation, training, and student interns for tenant companies. Many of the companies in the Technology Innovation Center, and some who have graduated from the Technology Innovation Center into the broader Oakdale Research Park were established around innovations licensed to them by the University.

The Technology Innovation Center (TIC) business incubator offers a nurturing environment for new business ventures using advanced technology, while the UI Oakdale Research Park (ORP) offers locations for growing technology companies to establish sustained relationships with the University.

- The 40 active Iowa companies affiliated with TIC and ORP reported 1,513 employees earning an average salary of nearly \$60,000 (the four UI anchor laboratories at Oakdale reported another 182 employees).

- The 1,695 employees of TIC/ORP affiliate companies and labs reported living in 21 counties and 65 cities and towns in Iowa, a regional labor shed covering approximately one-fifth of the State.
- Assuming a State income tax rate of 5%, employees of TIC/ORP affiliates paid approximately \$5.1 million in State income taxes in FY06.
- TIC/ORP affiliates reported employing 92 UI students, while 135 employees had earned doctoral degrees.
- In FY06 the TIC accepted two new tenant companies while four firms met their business goals upon “graduating” from the incubator. The ORP welcomed one new tenant, Innovative Software Engineering, Inc.

FY06 Labor Shed for Affiliated Companies and Labs
 UI Oakdale Research Park and Technology Innovation Center



Labor Shed Counties in Yellow

2. Please provide the following information for FY 2006:

-Number of disclosures of intellectual property	89
-Number of patent applications filed	
U.S. Applications	120
National Applications	28
Patent Cooperation Treaty (PCT) Applications	30
Total Applications	178
-Number of patents issued	56
-Number of license and option agreements executed on institutional intellectual property	43
-Number of license and option agreements yielding income	92
-Revenue to Iowa companies as a result of licensed technologies	\$890,000
-Royalties and license fee income	\$16.3 million
-Total sponsored funding	\$366.4 million (awards)
-Sponsored funding for research	\$269.6 million
-Corporate sponsored funding for research and economic development (excludes corporate philanthropy)	\$31.9 million
-Iowa special appropriations for economic development and technology transfer (not to include GIVF or Battelle appropriations) –	
Technology Innovation Center	\$43,701
Oakdale Research Park	\$92,961
Center for Advanced Drug Design	\$110,343

3. Please describe the ways in which your institution is engaged in the following activities (For example, What is the nature of the outreach and service activities? Which units provide it? What kinds of people and organizations benefit?)

- Direct and hands-on technical assistance to businesses and entrepreneurs
- Direct economic development assistance to Iowa communities
- Economic development services provided by the research parks or similar service units

The University of Iowa Research Foundation

The UIRF works closely with UI faculty in developing the strategies required to commercialize inventions and intellectual property through the creation of new companies. This includes (i) Intellectual Property protection strategies and execution; (ii) commercialization strategies relating to licensing to existing or new companies; (iii) business model development for UI spinout companies (new companies based substantially on UI technologies); and (v) due diligence on the viability of UI spinout companies.

The John Pappajohn Entrepreneurial Center **Youth Outreach**

JPEC believes that building entrepreneurial spirit in today's youth is a critical component for sustaining the country's long term economic health. By strengthening their ability to think

creatively and providing the tools for understanding the entrepreneurial process, youth are more inclined to consider business ownership as a career. Beginning in fall 2000 as part of JPEC's plan to support entrepreneurial engagement at all ages, JPEC embarked on a comprehensive teacher and youth entrepreneurship program, providing training, curriculum resources, and ongoing support.

Teacher Training

JPEC works directly with middle school and high school teachers by training them to incorporate entrepreneurship into their classrooms and providing them with ongoing support and curriculum resources throughout the school year. JPEC's two-day entrepreneurship seminar provides in-depth training on topics including opportunity recognition, innovation and creativity, market research and analysis, entrepreneurial finance, and business planning.

Designed to simulate an entrepreneurial-based classroom, the training provides educators with hands-on learning experiences enabling them to leave the training fully equipped to implement entrepreneurial education in their respective classrooms. Coupled with ongoing support from JPEC, participants stay abreast of additional training opportunities and are directly connected to the latest entrepreneurial resources.

Open to all teachers interested in or currently teaching entrepreneurial concepts, this program is being taught in various disciplines including careers, business, science, mathematics, marketing, family and consumer sciences, economics, and agriculture.

YouthBiz Online Curriculum

Teachers participating in the entrepreneurship training program have access to a customized, innovative, Internet-based entrepreneurship curriculum. In addition to downloading PowerPoint presentations, lesson plans, and activities on key entrepreneurial topics, teachers can access a searchable database of entrepreneurial best practices, post messages on an online discussion board, and enroll in online entrepreneurship courses for continued professional development.

Due in part to generous support from the William Zimmerman Foundation, JPEC is fortunate to work directly with a network of trained entrepreneurial educators that continually provide feedback and assist JPEC in the improvement and development of a new curriculum.

Summer Camps

Elementary and middle school students have the opportunity to participate in entrepreneurship camps held each summer.

With support from Hills Bank & Trust, Inc. and the Richard O. Jacobson Foundation, camp participants hear entrepreneurial start-up stories from successful entrepreneurs and learn the nuts and bolts of starting a business from UI entrepreneurship faculty.

In addition to networking with other young Iowans interested in starting businesses, camp participants spend the week developing business plans and designing marketing materials. Each day, students apply what they learn to their businesses. At the end of the

week, participants in the elementary camp present their business plans to their peers while participants in the middle school camp present to a panel of judges in hopes of earning seed capital to get their businesses started.

Outreach

JPEC is committed to providing entrepreneurial education, consulting services, and lectures to the community at large in order to contribute to the growth of existing and emerging businesses. Through the following programs, JPEC impacts the economic development of the region and the state of Iowa.

Conferences & Speaker Series

The John R. Hughes Lecture Series, sponsored by Hills Bank & Trust, Inc., the Sandage Entrepreneurial Speaker Series, sponsored by the Sandage Charitable Trust, and the Community Lectures, a component of the Entrepreneur-in-Residence program, sponsored by the Iowa State Bank & Trust Company, bring successful entrepreneurs to campus to share their experiences with UI students and community members. The Iowa Venture Capital and Entrepreneur Conference and Collegiate Entrepreneurs Iowa Conference provide seminars and networking opportunities for aspiring entrepreneurs, business owners, investors, and students.

Small Business Development Center

The Small Business Development Center (SBDC) at The University of Iowa offers one-stop assistance to current and prospective small business owners by providing high quality, one-on-one counseling that is tailored to the needs of individual clients. The SBDC conducts research, counsels, and trains business owners in management, financing, and operating small businesses, and provides comprehensive information services and access to experts in a variety of fields. Educational programs are offered on topics that include taxes, accounting systems, and business planning. It also offers a wide range of training seminars concerning business skills and issues, and assists small businesses in securing Small Business Administration backed loans.

Office of Corporate Partnerships

The Office of Corporate Partnerships links Iowa businesses to University of Iowa knowledge resources. It links Iowa companies to other units of the IOWA Centers for Enterprise, and assists companies in linking with technical resources, faculty expertise, student interns, graduating students as employees, and many other resources of the University. It serves as a single point of access for companies having inquiries and requests for assistance.

The Technology Innovation Center and Oakdale Research Park

The UI Oakdale Research Park (ORP) and the affiliated UI Technology Innovation Center (TIC) business incubator are physically located on the UI Oakdale Research Campus in Coralville. Corporate tenants on the Park typically require sustained relationships with UI in the form of access to specialized research facilities, research faculty consultation, opportunity for research collaboration, access to a pool of student interns and part-time employees, opportunity to do business in a research park environment, proximity to intellectual property

licensing opportunities, among others. Corporate tenants in the TIC incubator share many requirements of the larger and more established Park companies, but early-stage TIC firms seek cost-effective office and laboratory space and shared office services in an “incubator” environment. New technology ventures often require individual assistance with business planning, establishing UI research relationships, identifying professional service providers, introductions to local and state government agencies and the regional business community, help in identifying potential sources of investment and other funding, communications and others on a case-by-case basis. The Park and the TIC incubator are among the major programs by which UI encourages new “spin-offs” from its research and other new technology ventures in the State, and also by which new and growing technology ventures are recruited to the State.

The UI Park and TIC incubator are open to any business venture in or outside the State that has a technology focus and satisfies the applicable eligibility criteria or guidelines. There are no TIC restrictions on tenants when they “graduate” from the incubator; therefore those companies are free to locate wherever it is best for their business. Most but not all TIC graduates have chosen to locate in Cedar Rapids, Coralville, Iowa City or North Liberty, but others have established a presence in Davenport, Des Moines and Lowden. Because of its proximity to Interstates 80 and 380 and Highways 1, 6 and 965, companies and UI anchor laboratories at Oakdale reported a labor shed that covered 21 Iowa counties and 65 cities and towns in FY2006, representing more than one-fifth of the State.

4. Collaboration for economic development

Please briefly describe two or three examples of major economic development collaborative efforts with other entities such as Regent universities, Iowa community colleges, the Iowa Department of Economic Development, Iowa Workforce Development, other state agencies, other non-governmental organizations in the state.

The University of Iowa Research Foundation

UIRF and UI are closely engaged with the Iowa City Area Development (ICAD) Group. The number of UI participants on the ICAD Board was increased from two to three (Hay, Sharpe, York) recently in recognition of the fact that the UI is significantly engaged in economic development, and that the UI’s efforts could have a major impact on the regional economy. The UI has worked with ICAD to add an entrepreneurial component to economic development. The UI will be essential to the planning and execution of that component, given our extensive efforts in new company formation and development through UIRF, JPEC, and the UI incubators and Research Park.

The John Pappajohn Entrepreneurial Center

JPEC collaborates with a wide range of partners in Iowa to impact the Iowa’s economic development. Examples are below.

- **Iowa Venture Capital and Entrepreneurship Conference** - JPEC is a major sponsor and organizer of the Iowa Venture Capital and Entrepreneurship Conference. JPEC teams with the Iowa Department of Economic Development, other Pappajohn Centers around the state, and Equity Dynamics to put this annual conference together.

- **FastTrac Entrepreneurial Training Program** –JPEC has partnered with the Iowa Community College system and the University of Northern Iowa to deliver statewide the nationally acclaimed FastTrac® entrepreneurial training programs of the Ewing Marion Kauffman Foundation of Kansas City. The initiative prepares aspiring entrepreneurs to launch new ventures and existing companies to grow their businesses. Since the inception of the partnership in fall 1997, over 3,000 Iowans have completed the entrepreneurial training programs.
- **Wellmark Venture Capital Fund** - JPEC is the regional administrator of the Wellmark Venture Capital Fund, a \$5 million fund created by Blue Cross and Blue Shield of Iowa to support the creation and growth of new businesses throughout the state. JPEC screens applicants, performs due diligence, evaluates business concepts, and assists applicants with their business plans. JPEC partners with area angel investors, equity fund managers, lenders, the Iowa Department of Economic Development, and the Small Business Administration to help business owners secure additional venture funding.
- **High School Teacher Training** – JPEC partners with the Iowa Department of Education to offer teacher training to high school teachers around the state of Iowa. Introductory and advanced entrepreneurship training programs are offered.
- **Be Your Own Boss Entrepreneurship Summit** – JPEC, the UI Office of Corporate Partnerships, UI I-Envision Student Organization, Community Vitality Center of Ames, and the Iowa Workplace Learning Connection jointly sponsor this one-day entrepreneurial conference open to all high school students in the state of Iowa. Participants network with like-minded peers, listen to leading entrepreneurs and learn what it is like to start and run your own business.
- **Iowa Western Community College Partnership** – JPEC has designed a distance education program which will allow graduates of Iowa Western Community College (IWCC) to earn a Certificate in Entrepreneurial Studies as part of their degree programs from the UI. The partnership with IWCC will also allow JPEC to bring entrepreneurship education and business support to rural Iowa.
- **Collegiate Entrepreneurs Iowa Conference** – A partnership among the Pappajohn centers around the state and the national Collegiate Entrepreneurs Organization to sponsor a day long entrepreneurial conference of networking, brainstorming, listening to speakers and education open to any college student in the state and region.
- **John Pappajohn Business Plan Competitions** – JPEC partners with the other Pappajohn centers around the state to offer statewide business plan competitions for college students as well as residents of Iowa.
- **Okoboji Entrepreneurial Institute** – JPEC partners with the Iowa Board of Regents, other Pappajohn centers around the state, Iowa Department of Economic Development, and the Iowa Lakes Corridor Development Corporation to offer the Okoboji Entrepreneurial Institute, a week-long immersion in entrepreneurship, designed to instill the entrepreneurial mindset in the state of Iowa’s undergraduate students.
- **Western Iowa Tech Community College** – A new agreement between The University of Iowa and Western Iowa Tech Community College (WITCC) will allow WITCC students to more easily continue their studies at the UI, in some cases

without leaving Sioux City. In addition, it will also help northwest Iowa more easily access the business and economic development resources of the UI.

- **Committee/Organization Involvement**

- Iowa Business Council Capital Formation Hot Team
- Iowa First Capital Fund Board
- Planning Committee for the Iowa Venture Capital Conference
- United States Association for Small Business and Entrepreneurship
- National Consortium of Entrepreneurship Centers
- Collegiate Entrepreneurs Organization
- National Collegiate Inventors and Innovators Alliance
- Students in Free Enterprise
- Department of Education Entrepreneurship Program Management Committee
- Planning Committee for the Collegiate Entrepreneurs' Iowa Conference
- Iowa City Area Chamber of Commerce Economic Development Committee
- The Institute of Business Appraisers
- American Institute of Certified Public Accountants
- Institute of Management Accountants
- Professional Developers of Iowa
- Association of Small Business Development Centers
- Academy of Management
- Small Business Educational & Entrepreneurial Development Task Force
- Iowa Prolog Advisory Board
- Iowa Association of Business and Industry
- Iowa Business Educators Association
- Department of Education Business Program Management Committee
- Department of Education Alternative Schools and Programs
- Iowa DECA
- Neighborhood Center of Johnson County
- Workplace Learning Connection
- Community Vitality Center

Office of Corporate Partnerships

The Office of Corporate Partnerships collaborates with a wide range of organizations and entities. Some highlights of OCP collaboration include the following:

- **Iowa Biotechnology Association** – The director serves as a designate member (for VP Meredith Hay) on the IBA Board of Directors. The OCP also assisted in coordinating and UI participation in the IBA Legislative Reception and co-sponsored the September IBA conference, “Meeting the Biotechnology Challenge in Iowa: To Be or Not To Be.”
- **Iowa Careers Consortium** – The director serves on the ICC advisory board. The ICC is a public-private organization that markets career and life style opportunities in the State of Iowa.
- **Iowa Rural Development Council Steering Committee** – The director serves on the IRDC Steering Committee, which meets monthly and conducts quarterly forums

across the state. The committee is made up of federal and state agencies, including the Regent Universities.

- **ISU Economic Rural Development Conference** – Attended Iowa State’s annual economic development conference.
- **2006 Iowa State Fair** - Developed concept and oversaw production of display for Iowa State Fair Exhibit, “Celebrating Innovation & Entrepreneurship.” Exhibit showcased student entrepreneurs, UI research innovators and marketed IOWA Centers for Enterprise services.

Broad Efforts

- **Business Recruitment** - During FY06 the UI engaged in the active recruitment of new businesses to Iowa. UI participants included senior administrators, faculty and scientific research staff and professional staff of economic development/technology transfer units. Recruitment of out-of-state and international companies were collaborative efforts with the Iowa Department of Economic Development, Iowa City Area Development Group and Priority One (Cedar Rapids) development professionals.
- **State Biotechnology Marketing Initiatives** - For more than a decade UI has been a partner with the Iowa Department of Economic Development and ISU in a major, sustained, strategic State presence at the annual international convention of the Biotechnology Industry Organization. In recent years they have been joined by UNI, regional economic development professionals and the Iowa Biotechnology Association to give Iowa an even stronger marketing presence at the world’s leading biotech industry conference. Over the years, UI has been represented by the Office of Corporate Partnerships, Oakdale Research Park, Center for Biocatalysis and Bioprocessing, Division of Pharmaceutical Service and College of Pharmacy. UI spin off companies including Integrated DNA Technologies and EnzyMed have also participated. UI annually participates in the State marketing initiative at BIO. The State’s considerable investment in sustaining its BIO presence since the early 1990s gives Iowa international visibility in the biotechnology industry.

5. Data on collaboration for economic development

Please provide the following figures for FY 2006 for services provided, projects developed or other economic development and technology transfer interactions:

-Type and number of interactions

-Name of company, community or entity served

-City and county where the project or interaction took place

-University unit that has interacted with or provided assistance to the entity served

The John Pappajohn Entrepreneurial Center

Academic Program

- **Enrollment**
 - Summer 2005: 12 Classes/Sections, 96 Undergraduates, 111 Graduate Students
 - Fall 2005: 23 Classes/Sections, 972 Undergraduates, 51 Graduate Students
 - Spring 2006: 28 Classes/Sections, 1156 Undergraduates, 35 Graduate Students
- **I-Envision Student Organization**
 - Members 130
 - National / Regional Conferences Attended 4
- **Business & Entrepreneurship Learning Community**
 - Members 50
 - Service Learning Projects Completed 11
 - Community Members Impacted by Service Learning 400

Client Consulting Services

- **Wellmark Venture Capital Fund**
 - 9 applications processed
 - 5 companies funded including one company based in the BELL and one at Oakdale
 - 6 applications in process
- **Bedell Entrepreneurship Learning Laboratory**
 - Number of Student Teams 26
 - Total Students Impacted since May 2004 64

Consulting Projects

- Number of Projects 27
- Industries include: biotech, manufacturing, medical, information technology, ag services, publishing, retail

FastTrac Entrepreneurial Training Program

- **Statewide:**
 - Classes 16
 - Total participants 324
- **Iowa City Area Class:**
 - Classes 2
 - Total participants 76

Youth Programs

- **Summer Camps**
 - Youth Entrepreneur Camp (3rd-5th Grade) 49
 - Jacobson Middle School Camp in Iowa City (6th-8th Grade) 27
 - Jacobson Middle School Camp in Des Moines (6th-8th Grade) 26
- **High School Teacher Training**
 - Teachers 71
 - Locations across Iowa 4
(Des Moines, Mason City, Davenport, Ottumwa)

- **UI Entrepreneurship Day**
-High School Students 86
- **High School Business Plan Competition**
-Schools participating 20

Programs, Seminars and Workshops

Date	Title	Attendees
5/31/2006	Tax Workshop	7
5/27/2006	Entrepreneurship Curriculum Development Meeting	10
5/24/2006	Tax Workshop	4
5/17/2006	Tax Workshop	4
5/11/2006	EVG / Dr. Charles Link	36
5/10/2006	Tax Workshop	5
5/05/2006	Certificate Graduate Reception	35
4/28/2006	2 nd Annual Hensley Golf Invitational	140
4/21/2006	Entrepreneur-in-Residence / Merle Volding	18
4/20/2006	Hughes Lecture Serious / John Pappajohn & BJ Do	340
4/18/2006	I-Envision Presents Tom Martin	60
4/18/2006	"Be Your Own Boss" – Entrepreneurship Day	60
4/15/2006	Entrepreneurship Curriculum Development Meeting	10
4/13/2006	Franchise Business Ownership Workshop	11
4/04/2006	I-Envision Presents Joni & Sam Schrup	110
3/23/2006	Entrepreneur-in-Residence / Keith Chiavetta <i>Program brings successful entrepreneurs to campus for a day of one-on-one mentoring with UI students.</i>	9
3/03/2006	Collegiate Entrepreneurs Iowa Conference – UI Attendees <i>Students living on the Leadership Community in Business and Entrepreneurship floor meet one-on-one with a faculty member from each business department.</i>	127
2/13/2006	College Brown Bag Luncheon – MIS with Yvonne Galusha	5
2/08/2006	College Brown Bag Luncheon – Entrepreneurship with David Hensley	6
1/24/2006	College Brown Bag Luncheon – Marketing with Dave Collins	2
1/19/2006	Entrepreneurial Ventures Group / Stahlberg, Boge & Zimmerman <i>The Entrepreneurial Ventures Group (EVG) is an initiative to promote faculty entrepreneurship and technology commercialization at the UI.</i>	40
11/18/2005	Sandage Speaker Series / Student Entrepreneurs	80
11/14/2005	Franchise Workshop	9
11/10/2005	EVG / Kris Johansen	35
10/25/2005	Iowa State Bank & Trust / JPEC Community Lecture / Robert Dederick	327
10/24/2005	Payroll & Employment Taxes Workshop	4
10/17/2005	Reporting Sole Proprietor Income Workshop	3
10/14/2005	Entrepreneur-in-Residence / Merle Volding	6
10/10/2005	Business Expenses & Deductions Workshop	11
10/07/2005	Entrepreneur-in-Residence / Robert Reed	6
10/03/2005	Sales, Use & Local Option Tax Workshop	6
9/20/2005	FastTrac Entrepreneurial Training Program (7 week course)	29
9/16/2005	Entrepreneur-in-Residence / John Buchanan	6
9/15/2005	Iowa Venture Capital Conference (IVCC) – UI Attendance	84

7/19/2005	Iowa Sales Tax Workshop	40
7/01/2005	Smart Start	9
	TOTAL	1,694

Small Business Development Center

SBDC's are required by contract to keep their client list confidential. Summary data is below:

- Total Clients Served 260
- Startups Served 192
- Hours dedicated to clients 2,434
- Client loans (since 10/1/05) \$6.99 million
- Estimated jobs created by SBDC clients 424

The SBDC served clients in 51 communities located in 22 Iowa counties, as summarized below.

Number of Clients	City	County
1	Ainsworth	Washington
1	Amana	Linn
1	Ames	Story
1	Anamosa	Jones
1	Atalissa	Cedar
1	Brooklyn	Poweshiek
1	Burlington	Des Moines
14	Cedar Rapids	Linn
2	Clinton	Clinton
	Columbus	
1	Junction	Louisa
34	Coralville	Johnson
1	Davenport	Scott
1	Deep River	Poweshiek
1	Donahue	Scott
1	Dubuque	Dubuque
1	Fairfax	Johnson
3	Fairfield	Jefferson
1	Fredericksburg	Chickasaw
1	Grinnell	Poweshiek
1	Guernsey	Louisa
1	Hills	Johnson
110	Iowa City	Johnson
3	Kalona	Washington
1	Lone Tree	Johnson
1	Lowden	Cedar
3	Marion	Linn
1	Mason City	Cerro Gordo
1	Mechanicsville	Cedar

2	Mt. Pleasant	Henry
3	Muscatine	Muscatine
1	Naperville	(Undefined)
17	North Liberty	Johnson
2	Oxford	Johnson
1	Parnell	Iowa
1	Riverside	Johnson
3	Solon	Johnson
1	South English	Keokuk
5	Tiffin	Johnson
2	Tipton	Cedar
1	Victor	Iowa
3	W Des Moines	Polk
1	Walker	Buchanan
1	Wapello	Louisa
5	Washington	Washington
1	Waterloo	Butler
2	Wellman	Washington
3	West Branch	Cedar
1	West Chester	Washington
6	West Liberty	Cedar
5	Williamsburg	Iowa

Office of Corporate Partnerships

The Office of Corporate Partnerships completed 28 visits to Iowa companies, providing information about University of Iowa resources that may be helpful to the company. These included:

- **Biotechnology Companies:** Percival Scientific, CIVCO Medical, BioResearch Products, Cryotech, Kemin Industries, Struve Labs, Pioneer Hi-Bred, Combisep, New Link Genetics, Earthview Environmental, Gelita (Kind and Knox Gelatin), Hematech, Trans Ova Genetics, Integrated DNA Technologies, MedTech, and Embria Health Care.
- **Advanced Manufacturing Companies:** Centro, Modine Manufacturing, Musco Lighting, Samson Industries, Gomaco, Paragon Manufacturing, and Alliant Energy.
- **Information Solutions Companies:** Vernon Research, Darning Pixel, Pohaku, Qwest, and Butler Consulting.

In addition, the Office of Corporate Partnerships arranged for visits to the UI campus:

- Tripletail Ventures (Cedar Rapids business) with faculty and staff from the College of Medicine, Director of UIHC Hospital Information Systems and John Pappajohn Entrepreneurial Center.
- Hays Water Science & SWIM (Safe Water International Ministries); Washington, Iowa's Economic Development director met with faculty from our College of Engineering, Hygienic Lab and staff from our Small Business Development Center.
- iPrism – Met with OCP Director and Associate VP for Research (Referred to UI by Senator Dvorsky)

- CIVCO Medical – Met with Chair of Radiation Oncology Department. Purchase agreement in place and reviewing research agreement.
- Embria Health Care/Diamond V Mills – Met with Clinical Trials Office Director, Office of Business Development, Carver College of Medicine and Office of Corporate Partnerships.
- Obiter Research, LLC – Facilitated a visit with the UI’s Library Director, Chemistry Library Director; Chair of the Chemistry Department and facility to showcase UI resources. Obiter is considering moving its company from the University of Illinois to Oakdale Research Park. Coordinated visit with ORP, IDED and Iowa City Area Development group. Also arranged visits with staff from Center for Biocatalysis & Bioprocessing and Division of Pharm Services.

The Office of Corporate Partnerships identified technical needs of several Iowa companies and worked with units of the University to address those needs. Those companies included Hays Water Science, Tripletail Ventures, Pella Corporation, ACT, iPirsm and Embria Health Care. In addition, the OCP worked with the Iowa Department of Economic Development’s International Department, providing contact information for approximately ten companies interested in research collaborations with the Carver College of Medicine and the pharmaceutical capabilities of the University’s Center for Biocatalysis and Bioprocessing, Division of Pharmaceutical Services, and Center for Advanced Drug Development.

Technology Innovation Center/Oakdale Research Park

Clients served by the Technology Innovation Center and Oakdale Research Park are summarized on the following pages.

Name of Business or Other Entity Served	City and County where this Project is in Place		University Unit that interacted with business or other entity	Activity
	City	County		
				BUSINESS INCUBATOR TENANTS
AISST, Inc.	Coralville	Johnson	Technology Innovation Center	
Vertex Pharmaceuticals	Coralville	Johnson	Technology Innovation Center	
Digital Artefacts, LLC	Coralville	Johnson	Technology Innovation Center	
Applied Fullerene	Coralville	Johnson	Technology Innovation Center	
Pharmacom Corporation	Coralville	Johnson	Technology Innovation Center	
Innomatix, LLC	Coralville	Johnson	Technology Innovation Center	
Ramaanchar Technologies, Inc.	Coralville	Johnson	Technology Innovation Center	
IAgen, LLC	Coralville	Johnson	Technology Innovation Center	
K2 Technologies	Coralville	Johnson	Technology Innovation Center	
Corridor Business Journal	Coralville	Johnson	Technology Innovation Center	
VIDA Diagonostics	Coralville	Johnson	Technology Innovation Center	
Componica, LLC	Coralville	Johnson	Technology Innovation Center	
Cellular Engineering Tech.	Coralville	Johnson	Technology Innovation Center	
Actual Safety, INC.	Coralville	Johnson	Technology Innovation Center	
Selim Laboratories, Inc.	Coralville	Johnson	Technology Innovation Center	
Innovative Software Engineer.	Coralville	Johnson	Technology Innovation Center	
				RESEARCH PARK TENANTS
Innovative Software Engineering	Coralville	Johnson	Oakdale Research Park/TIC Graduate	
LMS CADSI	Coralville	Johnson	Oakdale Research Park/TIC	

The Patient Education Institute	Coralville/Iowa City	Johnson	Oakdale Research Park/TIC Graduate	
Police Law Institute	Coralville/North Liberty	Johnson	Oakdale Research Park/TIC Graduate	
AudioNet International, LLC	Coralville	Johnson	Technology Innovation Center	
Market Technology Systems Resource Development Associates	Coralville	Johnson	Technology Innovation Center	
				DEVELOPERS
Myriad Developers, Inc.	Cedar Rapids	Linn	Oakdale Research Park	
TMD, L.L.C.	Solon	Johnson	Oakdale Research Park	
Midwest Development & Invest.Corp.	Fairfield	Jefferson	Oakdale Research Park	
Liberty Growth	Iowa City	Johnson	Oakdale Research Park	
Hunter Companies	Cedar Rapids	Linn	Oakdale Research Park	
S & S Developers	Iowa City	Johnson	Oakdale Research Park	
Gary Bishop Construction	Iowa City	Johnson	Oakdale Research Park	
Build to Suit Construction	Davenport	Scott	Oakdale Research Park	
Andersen Construction	North Liberty	Johnson	Oakdale Research Park	
				PROSPECTIVE TENANTS
Dermacia/NGI	Champaign-Urbana	Illinois	Oakdale Research Park	
Higher Ed. Services Firm	Newport Beach	California	Oakdale Research Park	
Pharmaceutical Services Firm	NA	NA	Oakdale Research Park	
Human Therapeutics Firm	NA	NA	Oakdale Research Park	
Human Therapeutics Firm	NA	Germany	Oakdale Research Park	
Proteomics Firm	NA	California	Oakdale Research Park	
Biopharmaceutical Firm	NA	Europe	Oakdale Research Park	
Pharmaceutical Services R&D	NA	Missouri	Oakdale Research Park	
		Ireland	Oakdale Research Park	

Global CRO	NA	Ireland	Oakdale Research Park
Medical Device Startup	NA	NA	Technology Innovation Center
Medical Imaging Startup	Iowa City	Johnson	Technology Innovation Center
Service to Nonprofits	Iowa City	Johnson	Technology Innovation Center
Assistive Patient Devices	Iowa City	Johnson	Technology Innovation Center
Software for Agri-Business	Coralville	Johnson	Technology Innovation Center
Pharmaceutical Development	Charlottesville	Virginia	Technology Innovation Center
Educational Services	Iowa City	Johnson	Technology Innovation Center
Magnetic Sensing Devices	Iowa City	Johnson	Technology Innovation Center
Advanced Manufac. Startup	Cedar Rapids	Linn	Technology Innovation Center
Advanced Design Startup	Iowa City	Johnson	Technology Innovation Center
Advanced Air Navigation Firm	Iowa City	Johnson	Technology Innovation Center
Pharma/Nutrition Firm	Indena	Italy	Technology Innovation Center
Medical Imaging Startup	Boston	Massachusetts	Technology Innovation Center
Web Design/System Services	NA	Iowa	Technology Innovation Center
Biodiesel R & D and Production	Kalona	Iowa	Technology Innovation Center
Advanced Water Purification	Washington	Iowa	Technology Innovation Center
Non-Invasive Sensor Development	Iowa City	Johnson	Technology Innovation Center
Advanced Software Development	Palo Alto	California	Technology Innovation Center

SECTION II. GROW IOWA VALUES FUNDS PROJECTS

Please provide the following information about GIVF projects for FY 2006.

- Identify and briefly describe each project or initiative which received GIVF funding in FY 2006 including information on outcomes and progress made
- Identify the metrics which were used to measure outcomes for each project and report progress on each metric for FY 2006
- Provide a description of the sources of matching institutional dollars for each GIVF-funded project

Using The University of Iowa allocation of Grow Iowa Values Funds, the Office of the Vice President for Research established and implemented a program that incorporates two distinct and interdependent phases:

- **I-START** (first phase of investment) is targeted toward **immediate or short term needs** designed to directly **facilitate university-private sector partnerships** in entrepreneurship and the **creation of new companies and jobs in Iowa.**
- **I-GROW**(second phase) is designed to address the **middle to long term commitments** needed to **strengthen the University's capacity to promote and sustain high tech entrepreneurship** in the region and **build new networks** of technical-financial-business capabilities that will **stimulate and sustain the growth of new companies and industries** that provide high paying jobs for the citizens of Iowa.

A summary of the I-START and I-GROW initiatives is below.

SUMMARY of I-START

I-START activities included the following:

- Renovation of the Myriad Building at 2660 Crosspark in the Oakdale Research Park
- Gap funding for commercialization of faculty innovations
- Office of Corporate Partnerships to support outreach activities
- John Pappajohn Entrepreneurial Center to hire Faculty Entrepreneurship Coordinator and Graduate Assistants
- Technology Innovation Center/Oakdale Research Park to support strategic plans and renovation of high profile conference room used by Innovation Center companies
- Bio::Neos start-up company support
- Center for Biocatalysis and Bioprocessing cGMP facility

Each is discussed below.

Ophtherion - Construct Incubator Lab Space

GIVF Funds: \$1 million; match \$1 million forthcoming from Oakdale Research Park Corporation and Vice President Enrichment fund.

FY06 Grow Iowa Values Fund funds are used to renovate a University-owned laboratory building (The Myriad Building—2660 Crosspark) on the Oakdale Research Park. This extensive renovation will be completed in early FY07 (November 2006) when the new corporate spin-off company and an affiliated academic research team will co-occupy the building. The use of GIVF funds has allowed the University to retain a highly productive faculty member from the Carver College of Medicine and establish a spin-out company in Iowa. The company, Ophtherion, is developing an innovation in an area of highly unmet needs in a \$1B+ market: age-related macular degeneration (AMD). Ophtherion has hired a Chief Executive Officer, Mr. Colin Foster, former president of Bayer North America. Outcomes, and anticipated outcomes, include:

- Approximately 10 - 20 corporate employees will be hired in the first two years
- Salaries of corporate employees on the Oakdale Research Park average nearly \$60,000
- Employees on the Oakdale Research Park are drawn from a 21-county area in Iowa
- The startup company will be founded on core technology licensed from the University of Iowa Research Foundation
- The startup company will attract significant private investment capital
- The startup company anticipates hiring graduates of Iowa colleges and universities

Iowa Centers for Enterprise Gap Funding for Innovations with Commercial Potential

GIVF Funds: \$145,686; match \$145,686 from University of Iowa Research Foundation funds.

In May, using GIVF funds, six faculty members were awarded seed funding designed to expand the commercialization of UI technology. This funding is essential to move their nascent technology down the developmental pipeline to render it a more attractive investment. In each instance the faculty innovators have an identified corporate collaborator or are working to establish a spin-out company around the innovation.

- Michael Abramoff, associate professor of Ophthalmology & Visual Sciences, in collaboration with iOptics LLC, to develop a low-cost retinal camera that can be used by family eyecare clinics.
- Mark Arnold and Gary Small, professors in the Department of Chemistry, in collaboration with ASL Analytic, Inc., to make a portable prototype of an infrared spectrometer for the easy measurement of glucose in the treatment of diabetes. This device would scan a section of tissue for glucose, eliminating the need to draw a blood sample for analysis.

- Raymond Hohl, professor in the Department of Internal Medicine, and David Wiemer, professor in the Department of Chemistry, for drug development to treat some forms of cancer in collaboration with Terpenoid Therapeutics, Inc.
- Gregory Leno and John Engelhardt, professors in the Department of Anatomy and Cell Biology, to develop cell therapy techniques that could be used to treat Alzheimer's Disease, Parkinson's Disease and other diseases. A startup company, RepGenix, LLC, is being formed around their discoveries, in collaboration with other Iowa resources and companies.
- Michael Welsh, Beverly Davidson and Joseph Zabner, professors in the Department of Internal Medicine, and Paul McCray, professor in the Department of Pediatrics, to develop new models to study cystic fibrosis, cardiovascular disease, neurological diseases and cancer in humans. A startup company is being formed around their discoveries.
- Markus Wohlgenannt, assistant professor of Physics and Astronomy and members of the UI's Optical Science and Technology Center, to make a touch screen device similar to those used in tablet computers or personal digital assistants using new technology with the potential for low cost, ultra-thin and flexible display, in collaboration with OMR Sensors, Inc.

Office of Corporate Partnerships

GIVF Funds: \$141,230; match \$141,230 from University of Iowa Research Enrichment Fund.

Grow Iowa Values Funds were used to support the efforts of the Office of Corporate Partnerships in outreach (corporate visits, marketing). They were also used for the OCP's support in the IOWA Centers for Enterprise efforts to optimize the flow of University intellectual property into opportunities for licensing, commercialization and company formation. The funds were used for salary support, marketing costs, and corporate visits.

Metric: Collaborations with Iowa-based Industry

Corporate Outreach

The Office of Corporate Partnerships (OCP) strategically markets its services by engaging in a program of visits to Iowa companies in the state's targeted industry clusters of biotechnology, advanced manufacturing and information solutions. The goal is to match business needs to UI resources relating to new or existing research collaborations, new product development, product enhancement and workforce development issues. From July 1, 2005 through June 30, 2006, OCP undertook on-site visits to twenty-eight (28) Iowa companies.

Board Service

- Iowa Biotechnology Association
- Iowa Careers Consortium
- Iowa Rural Development Council Steering Committee

Regents Technology Transfer Road show

The University of Iowa, Iowa State University and the University of Northern Iowa held the first Regents Technology Transfer Road Show “Innovation Iowa,” on February 15, 2006 in Des Moines, Iowa. Each university showcased centers of excellence and emerging technologies to business and community leaders in Des Moines, Ames and surrounding counties.

2005 Iowa State Fair Exhibit

Exhibited at the Iowa State Fair and showcased community and business outreach and workforce development programs.

Metric: Identify research and technical assistance needs of existing Iowa business Campus Visits

The Office of Corporate Partnerships facilitated meetings on campus for five Iowa companies. The nature of these visits was to identify UI researchers and/or staff who could assist the company with either technical assistance or assistance in identifying methods to improve their business processes.

Metric: Surveying similar activities in other states and at other universities Alliance of Business Development Professionals at Twenty Major Midwest Research Universities

During FY 2006, the Office of Corporate Partnerships joined the Midwest Regional University Network and University Economic Development Association to share best practices in technology transfer and commercialization.

Metric: Establishing a single-point of contact to facilitate commercialization of research Establishment of IOWA Centers for Enterprise

The Office of Corporate Partnerships was instrumental in creating a new initiative called IOWA Centers for Enterprise, Business & Commercialization Services. Through the Centers, the UI will give businesses, communities and individuals one point of contact for all economic development and technology transfer programs offered by the UI. IOWA Centers for Enterprise offer a comprehensive program that promotes economic development and technology transfer, provides assistance to Iowa startups and existing Iowa businesses and communities, and helps the state of Iowa develop a creative entrepreneurial workforce.

Metric: Coordinating activities to facilitate a focus on research in the State’s targeted industry clusters

Highlighting Emerging Careers to Iowa High School Students

The Office of Corporate Partnerships (OCP) sponsored a one-day program for Kirkwood Community College Workplace Learning Connection students from area high schools to visit with emerging Iowa companies in the State’s targeted industry clusters and UI Centers of excellence.

The John Pappajohn Entrepreneurial Center (JPEC)

GIVF Funds: \$131,375, match \$131,375 from University of Iowa Research Enrichment Fund and the Tippie College of Business Foundation account.

Grow Iowa Values Funds were used to assist JPEC in hiring a Faculty Entrepreneurship Coordinator (Jonathan Gilbert) and support graduate assistants. Mr. Gilbert serves as a resource to faculty and staff interested in commercializing University innovations. He also functions as an important entrepreneurial outreach resource for JPEC, the IOWA Centers for Enterprise, and the University. Previously, he served as CEO of USA Telephone, Inc., a competitive local exchange carrier serving more than 50,000 residential and business consumers from Maine to Virginia. He joined JPEC in March, 2006, so fiscal year activity represents 4 months of functional service.

Consultation

- **Faculty.** Consultation requests for the 2005-2006 included 30+ projects across 5 Colleges (Medicine, Engineering, Pharmacy, Liberal Arts, and Dentistry) and 12 Departments totaling approximately 200 hours.
- **Office of the Vice President of Research (OVPR) & IOWA Centers for Enterprise (ICE).** Input into candidate assessment, organizational planning, commercialization funding, and project management provided on an as requested basis.
 - Associate Vice President Search Committee. Fiscal year activity totaled 10 hours.
 - ICE Strategic Planning & Development. Fiscal year activity totaled 10 hours.
 - ICE Seed Fund Review & Selection Committee. Fiscal year activity totaled 20 hours.
 - Fund Recipient Project Management. Fiscal year activity totaled 5 hours.
- **University of Iowa Research Foundation.** Guidance provided for the development of an integrated commercialization process and alignment of organization structure. Fiscal year activity totaled 20 hours.
- **Deans & DEOs.** Individual meetings conducted with Dean Butler of the College of Engineering and Dr. Michael Kienzle of the College of Medicine. Fiscal year activity totaled 10 hours.
- **Other.** Acute consultation provided to students on business planning and career development as well as local community members seeking short term consultation on non-academic business interests.
 - Students. Fiscal year activity totaled 20 hours.
 - External Referrals. Fiscal year activity totaled 5 hours.

Curriculum Development and Execution

- **Academic Entrepreneurship Workshops.** Hands on business planning workshops created for faculty, graduate students, and research staff. Fiscal year activity totaled 120 hours.

Event Development and Execution

- **Entrepreneurial Ventures Group (EVG) Speaker Series.** Speaker on topic of commercialization booked and presented to faculty, graduate students, research staff, investors and community leaders in April. Fiscal year activity totaled 10 hours.

Resource Development

- **ICE Commercialization Reference Materials.** Fiscal year activity totaled 30 hours.

Other

- **JPEC administrative.** Fiscal year activity totaled 20 hours.
- **JPEC meetings.** Fiscal year activity totaled 15 hours.
- **JPEC support.** Fiscal year activity totaled 10 hours.
- **Guest Lecturing.** Fiscal year activity totaled 3 hours.
- **Substitute Teaching.** Fiscal year activity totaled 3 hours.

Technology Innovation Center and Oakdale Research Park

GIVF Funds: \$90,151, match \$90,151 from the University of Iowa Research Enrichment Fund and the City of Coralville.

The Grow Iowa Values Funds were used by the Technology Innovation Center and Oakdale Research Park to engage a nationally recognized consultant to assist in planning for the invigoration of the Innovation Center and Research Park, and to renovate the Innovation Center conference/presentation/board rooms for the benefit of the tenant companies.

Consulting Services for Incubator and Research Park Capacity

The firm George Vernon George Partners, a nationally recognized research park and technology incubator consulting firm, was retained to assist us in planning for the future of the Oakdale Research Park and Technology Innovation Center. The project provided necessary professional evaluation, review and recommendations for the future success of the business incubator and research park. The consulting process and report were instrumental in helping the University frame its needs for facilities, capacities, oversight, management, staffing and programs. As a result of this investment:

- The consultant's final report was submitted in May 2006
- Experienced new senior management for the park and incubator was appointed in June 2006
- A University task force relied on the consultant's report in working toward a new vision for future development on the park and Oakdale Campus
- The consultant's report guided University planning for a new incubator facility to grow more technology startup companies in Iowa

Upgrade Business Incubator Conference/Presentation/Board Rooms

Using GIVF funds, we significantly upgraded two conference rooms in the Technology Innovation Center building, which serve business incubator and Oakdale Research Park companies and incubator and park staff. A significant portion of the matching funds (\$43,500) was provided by the City of Coralville, which is a strong partner with the University in supporting the incubator, park and their tenant companies. The project was substantially completed in July 06 and the rooms are available for use.

- Anecdotal feedback from early use of the upgrade rooms is extremely favorable. This feedback will be tracked and reported. These corporate-style meeting rooms offer the capabilities and amenities that the incubator has lacked since it was established in 1984.
- Numbers of meetings and significant events will be tracked and reported.

Bio::Neos Start-up Company Support

GIVF Funds: \$25,000, match \$25,000, Bio::Neos supplying match from outside bank.

Grow Iowa Values Funds were used to support the start-up of Bio::Neos. This company was established to provide the resources for commercializing University ideas and prototypes and making them available to a larger scientific community. The first release of Bio::POD was completed on time and is in use by scientific collaborators at the University of Iowa. Several research groups throughout the country have tried the software and are considering its purchase. Work on the second release of Bio::POD and the first release of Bio::WebLab has begun on schedule. Creation of custom software for Dr. Edwin Stone's medical research facility is ahead of schedule, with phase 2 already near completion and phase 3 plans in progress. Bio::Neos has established a relationship with an employee of Integrated DNA Technologies (IDT) but has not yet established a collaboration with them as outlined in the original goals.

The following outcomes, related to metrics, are reported:

- Job creation: Two full time programming positions have been held for the company and one more full time programming position is planned for December '06 or January '07. In addition, Bio::Neos hosted an intern from France for two months during the summer, giving her valuable experience in a biotechnology company in Iowa.
- Earnings and wealth creation: the sales cycle has proven to take longer than originally anticipated. However, sales are expected soon in addition to the revenue already generated from 2 custom software contracts.
- Collaborations: A collaboration has been established with Dr. Edwin Stone at the University of Iowa. A collaboration has not yet been established with IDT, however, a new collaboration was made with the University of Northern Iowa.
- Copyright software: The Bio::POD software solution is now for sale which is copyrighted by Bio::Neos, Inc.
- Licensing software: Similar to what was described above, Bio::POD sales have not yet been made but are expected in the near future.

Center for Biocatalysis and Bioprocessing cGMP Facility

GIVF Funds: \$231,599; match \$231,599 from CBB revenues and grant funds.

Grow Iowa Values Funds, coupled with GIVF funds from FY05, were used to complete the renovation of facilities of the Center for Biocatalysis and Bioprocessing (CBB), transforming it into a facility that meets U.S. Food and Drug Administration current Good Manufacturing Practices (cGMP) standards. (Products used in human clinical trials must meet cGMP standards.) The CBB, in an integrated effort with the University's Division of Pharmaceutical Services and its Center for Advanced Drug Design, now serves a central role in the University's strategic initiative to attract (and retain) small- to medium-sized pharmaceutical and biotechnology companies to Iowa. As one example, Ophtherion (see discussion of Ophtherion in I-START, above) is discussing with the CBB the manufacturing of clinical supply quantities of product for Ophtherion's needs.

Outcomes: The renovation is now substantially complete.

SUMMARY of I-GROW

GIVF Funds: \$162,500, match \$162,500 from the University of Iowa Research Enrichment Fund.

The Grow Iowa Values Funds were used to provide a start-up funding package for the research program of Dr. Venkiteswaran ("Mani") Subramanian, director of the Center for Biocatalysis and Bioprocessing (CBB). Dr. Subramanian brings 24 years of industrial experience to the University, and this start-up package was essential in attracting this highly entrepreneurial faculty member to The University of Iowa.

Progress and activities so far include:

- The major program is to establish "A National Center for Microbe/Enzyme/Gene Resource for Enzyme Screening and Discovery for Various Applications"
- The first level vision for this Center has been defined
- Phase I of the project in terms of getting the first 1000 microbes, organizing them in a database as well as initiating a pilot project, is ahead of schedule. One industrial client has been identified as a potential client for the pilot project.
- Second phase of the project, in terms of 'new technology platform' to diversify the microbe/enzyme collection has been initiated in collaboration with Professor Larry Wackett, University of Minnesota.

Outcomes of these efforts include:

- Hiring: A research scientist, research investigator, one Ph.D student, a visiting scientist, and one research associate have all been hired or are in the final phase of hiring (to be completed by Oct. 06)
- A working laboratory has been established

- A 1000-microorganism database has been created with complete cataloging of the collection as well as links to appropriate gene/knowledge resource
- A pilot project has been outlined to “demonstrate” the operation and concept
- A potential client has been identified for the pilot project
- A research proposal has been completed with Professor Larry Wackett, for finding new enzymes from the microbial genomics database

Grow Iowa Values Fund Budget Information

University of Iowa – FY06 summary	
	As of June 30, 2006
Revenue	
State appropriations	
GIVF	\$1,925,000
general fund:	
Federal Support:	
In-kind contributions	
Other:	\$1,925,000
Totals	\$3,850,000
Expenditures	
Salaries	
Faculty	\$28,415
Professional and scientific	\$150,085
General services	\$63,539
Hourly	\$2,609
Supplies & Services	\$569,185
Rentals	\$495
Utilities	0
Equipment	\$8,876
Funds (committed but not spent)	\$563,598
Planned Expenditures	
Renovation Expenses	\$1,480,000
Additional Funds-Optherion build out	\$520,000
cGMP facility upgrades	\$463,198
Totals	\$3,850,000

Iowa State University

Economic Development Accomplishments and Highlights of Technology Transfer Activities

Introduction

Iowa State University and the State of Iowa are at the edge of a great opportunity like we have not seen before. The stars, so to speak, are in alignment. The vision, as seen by the university leadership a few years ago, is in alignment, too, aligned with the unique opportunity of today.

We live in a time of change that challenges us every day — a time when our senses must anticipate and prepare us for what is coming. We have always been a university engaged in discovery of new knowledge and bringing that knowledge into practical use. After all, our mission is learning, discovery and engagement. It is the engagement that has taken on new meaning.

We are an institution of growing numbers of entrepreneurs.

Entrepreneurship is defined here as: “Process of creating value by bringing together a unique package of resources to exploit an opportunity.”¹

The “process of creating value...” comes in many forms. It includes an infrastructure of education, discovery and outreach. It includes creative, fast, flexible, responsive and visionary people who can see what is not yet in front of them. It includes the development of resources so they are ready to be used when needed. It includes recognizing opportunity when it shows up. And, finally, it includes the wisdom and tenacity to fully exploit that opportunity. This, I believe, is the definition of an entrepreneurial institution.

A special example of the process of creating value for Iowa State University began seven years ago when the Plant Sciences Institute was created. It continued to evolve when five years ago President Gregory Geoffroy selected five areas of special attention, one of which was the “bioeconomy,” which led to the creation of the Office of Biorenewables Program.

Thus, over the past several years, we have seen very special and significant efforts in recruiting and developing faculty in the biosciences, engineering, agriculture and related areas. The University has been working with the State and private industry to develop programs such as the Grow Iowa Values Fund and the Bioscience Alliance of Iowa (following the Battelle study) which continue to add value today.

This brings us to the present where we are fortunate to have a huge opportunity to be the nation’s leader. Iowa is the place of this opportunity and Iowa State University is prepared, with the help of its partners, the State and industry of Iowa, to move forward.

Business and industry of Iowa and much of the country reside on the edge of a world transitioning to new forms of energy products. We are transitioning from use of one-time petroleum products to renewable biological products. This transition will be gradual and will occur over many years. It provides a need and opportunity for research and discovery on the fundamental structure of plants. It provides a need and opportunity for development of more effective and economical renewable energy sources. It provides the need and opportunity for new companies and employment for the development of the economy of the State of Iowa. It provides, in other words, the need and opportunity for developing excellence and leadership in the 21st century.

John A. Brighton
Vice President for Research
and Economic Development

¹Michael Morris, Syracuse University

Iowa State University
Economic Development Accomplishments and
Highlights of Technology Transfer Activities

Executive Summary for 2006 Annual Report

- ISU received \$279.7 million in sponsored funding from both federal and non-federal sources. Of this amount, \$15.6 million was received from businesses and commodity groups for research activities and \$13 million for non-research activities, including many projects that provide technical support and outreach to companies in the State of Iowa.
- ISU has maintained its position as one of the nation's leading universities in technology transfer accomplishments. In the latest survey conducted by the Association of University Technology Managers (FY04), in which 164 U.S. universities participated, ISU ranked 3rd in the number of licenses and options executed and 1st in this category for those universities without medical schools. ISU also ranked 4th for licenses and options yielding income and 2nd in this category for universities without medical schools.
- ISU inventors disclosed 120 new technologies to the Office of Intellectual Property and Technology Transfer and 19 patents were issued on ISU inventions.
- ISURF executed 140 new licenses and options for ISU technology, including 95 for plant germplasm. Forty new technology licenses were executed with companies, four of which are located in Iowa. Of the five new option agreements executed in FY06, two of them are with Iowa companies.
- Technologies licensed to Iowa companies (not including plant germplasm) resulted in over \$38 million in sales by those companies in calendar year 2005.
- Two new Iowa companies were formed this past year due to ISU technologies and/or technical expertise. This brings the total count to 80 over the past two decades.
- Five new companies and affiliates joined the ISU Research Park in FY06, bringing the historical total to 151 companies and research centers that have located in or been affiliates of the Research Park. These companies employ nearly 2,100 people throughout the world. The total square footage within the Research Park is now nearly 325,000 square feet.
- The ISU Pappajohn Center for Entrepreneurship and the Small Business Development Center (SBDC) provided over 6,900 hours of professional and student consulting assistance to start-up and existing companies in FY06 and worked with 32 technology based companies located at or affiliated with the ISU Research Park. They also served over 106 clients with counseling and educated 180 clients through its 20 Smart Start business start-up workshops.
- The Institute for Physical Research and Technology (IPRT) leads the State in matching Iowa businesses and entrepreneurs with university resources in cost-shared research and development projects. In FY06 IPRT cost-sharing funds of \$364,931 were leveraged to \$1,097,912 in 30 product development and process improvement projects with Iowa companies.
- Three ISU and Ames Laboratory scientists have won national recognition for developing a software tool that helps engineers visualize and work with large sets of 3-D data. The result is a tool that helps engineers quickly solve problems and make decisions. Their technology has been recognized with a prestigious R&D 100 Award. This brings the total number of R&D awards to ISU since 1984 to 28.

- For FY06, as a result of CIRAS (Center for Industrial Research and Service) activities, 267 companies in Iowa reported \$27 million in new investments, \$9 million in costs saved or avoided, and \$63 million in sales gained or retained. Companies that worked with CIRAS and its partners reported that 955 jobs were added or retained as a result of the assistance they received.
- The Center for Industrial Research and Service (CIRAS) provided assistance in every county in Iowa in FY06. This activity included technical assistance and education by CIRAS staff, assistance by CIRAS partners, and attendees at engineering continuing education workshops.
- A “Point of Contact” system continues to help companies find the assistance they need within the university. The university homepage has a link for business/industry that takes the reader to the “Point of Contact” information. In the past year, the Office of the Vice President for Research and Economic Development received and acted upon approximately 500 inquiries. Inquiries have included requests from Iowa manufacturers for technical assistance, requests for information on special courses/workshops and requests for results of specific research projects.
- In late June 2006, ISU reviewed its processes related to industry contracts and post-award activities through a week-long Kaizen “Lean” event that was facilitated by business leaders from Vermeer Manufacturing and a private consultant. Others participating were representatives from the Iowa Business Council, the University of Iowa, the University of Northern Iowa and three industries in addition to Vermeer (Pioneer, Pratt-Whitney and Rockwell Collins). As a result of this event and ongoing follow-up, several improvements have been/will be made in this area that increases productivity between the university and external sponsors, thus providing better customer service and improving the bottom line. This event was so successful that it will be used in other areas at ISU. In fact, the Iowa State University Research Foundation/Office of Intellectual Property and Technology Transfer is planning such an event to be held in the next several weeks.
- ISU has worked closely with legislators, the Iowa Department of Economic Development, the University of Iowa, the University of Northern Iowa and the Board of Regents, State of Iowa to establish the Grow Iowa Values Fund. This legislation is providing the universities and private colleges new financial resources to expand technology transfer and commercialization efforts.
- ISU, the University of Iowa and the University of Northern Iowa have worked closely with the Iowa Department of Economic Development, the Board of Regents, State of Iowa; legislators and business leaders through the Biosciences Alliance of Iowa organization to implement the Battelle initiative. Proposed projects that focus on the biosciences, information technology and advanced manufacturing are currently under review.

Acronyms in This Report

CCUR – Center for Crops Utilization Research
CIRAS – Center for Industrial Research and Service

CTRE – Center for Transportation Research and Education
IDED – Iowa Department of Economic Development
IPRT – Institute for Physical Research and Technology

ISURF – Iowa State University Research Foundation
OIPTT – Office of Intellectual Property and Technology Transfer

SBDC – Small Business Development Center
SBIR – Small Business Innovation Research
STTR – Small Business Technology Transfer

Economic Development and Technology Transfer Statistics

Sponsored Funding

In FY06, \$279.7 million was received by ISU in sponsored funding (Figure 1).

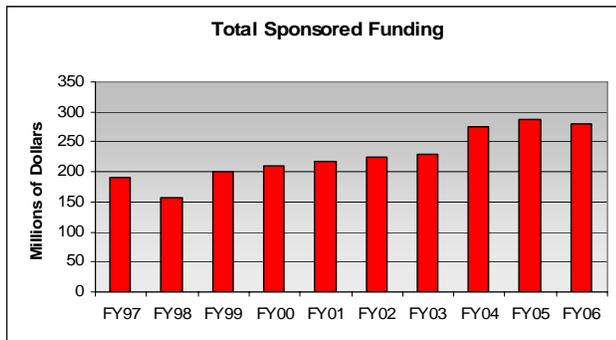


Figure 1

\$171.4 million of this was dedicated to research activities (Figure 2) and the rest to public service, educational projects, financial aid and buildings.

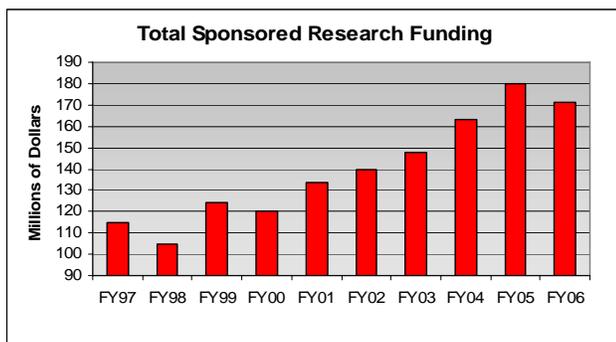


Figure 2

The research awards include contracts and grants from both federal and non-federal sources. Many projects supported by these funds result in technology that is transferred to the marketplace and consequently assists companies and communities across Iowa. Figures 3 and 4 show the two major sources for this type of support – the federal government and businesses and commodity groups. In FY06, the federal government funded research projects totaling \$120.2 million (Figure 3).

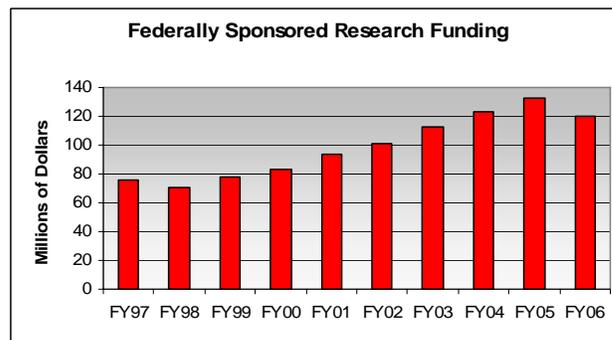


Figure 3

As shown in Figure 4, in FY06 businesses (including commodity groups) funded research projects at ISU totaling \$15.6 million. In addition, businesses funded non-research projects totaling \$13 million (not shown in Figure 4).

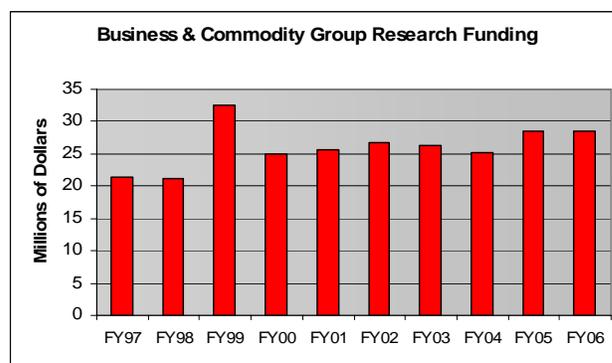


Figure 4

ISU Research Foundation Disclosures of Inventions

ISU researchers disclosed 120 new technologies to the Office of Intellectual Property and Technology Transfer (OIPTT). Figure 5 below shows disclosures received over the past 10 years by discipline.

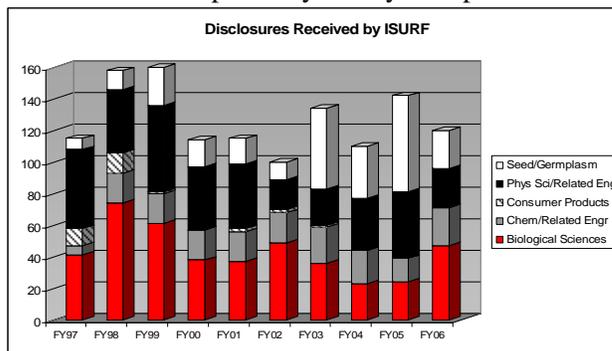


Figure 5

Patents Issued to ISU Inventors

Figure 6 below shows patents issued to the ISU Research Foundation (ISURF) over the last ten years. The trend in this graph is the result of increased time required for the U.S. patent office to review patent applications.

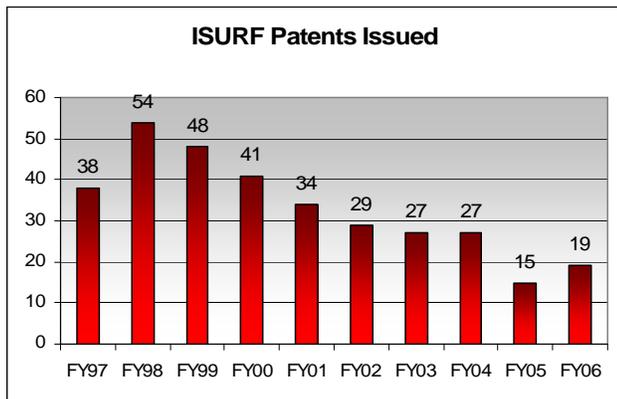


Figure 6

Iowa State's Research Foundation Signs New Licenses

In FY06, the Research Foundation signed 140 new license and option agreements, including 95 for plant germplasm. Of the forty-five new technology licenses and options signed, six were with Iowa companies. These are critical statistics since licenses and options characterize the actual transfer of ISU technologies to the marketplace. It should be noted that 31 inventions were licensed/optioned for the first time in FY06. Of these, 18 are plant varieties and 13 are other technologies.

Figure 7 shows the number of active license and option agreements over the last ten years.

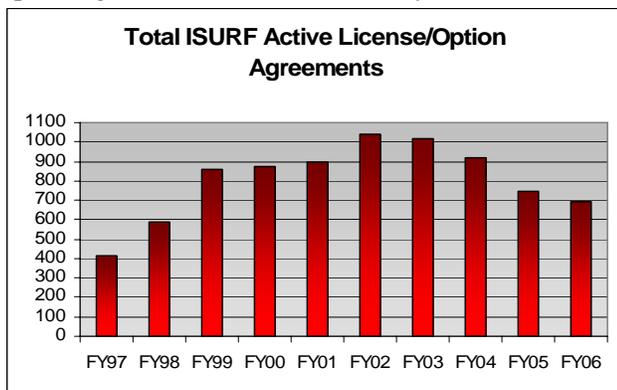


Figure 7

ISU Ranked High Nationally

ISU has maintained its position as one of the nation's leading universities in technology transfer accomplishments. In the latest survey conducted by the Association of University Technology Managers (FY04), in which 164 U.S. universities participated, ISU ranked 3rd in the number of licenses and options executed and 1st in this category for those universities without medical schools. ISU also ranked 4th for licenses and options yielding income and 2nd in this category for universities without medical schools.

ISU Technology Generates Iowa Sales

New technologies originating at ISU contribute directly to the economy of Iowa. Technologies licensed to Iowa companies, excluding plant germplasm, resulted in over \$38M million in sales by those companies in calendar year 2005. Figure 8 shows both Iowa and non-Iowa sales of licensed ISU technologies during the last ten years. Total sales of ISURF-licensed technologies (not including plant germplasm) were \$277 million in calendar year 2005. The large increase in sales over calendar year 2004 is due to increased sales of lead-free solder products.

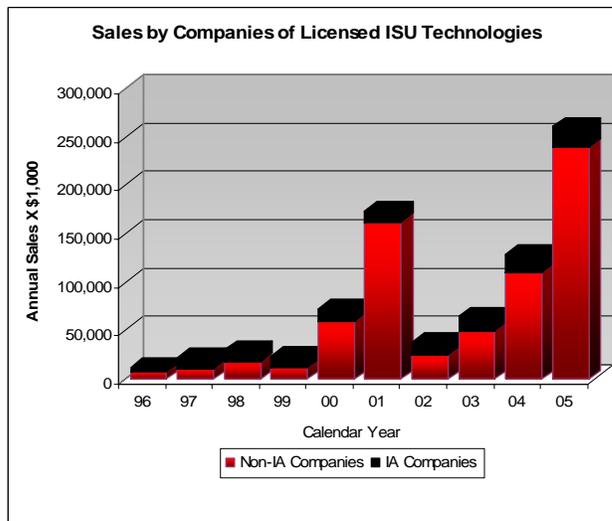


Figure 8

The next graph (Figure 9) shows the pattern over the past ten years of only Iowa companies.

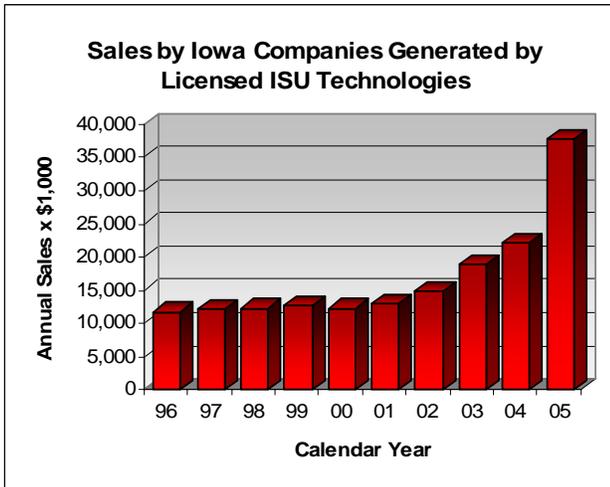


Figure 9

Making New Plant Germplasm Available

Figure 10 below shows the number of bushels of soybeans planted in Iowa on which royalties were collected and the dollar amount of those royalties over the last ten years. In FY06, 51,047 bushels of specialty soybean varieties developed at ISU were planted in Iowa, generating \$163,766 in royalties. The increase in planting and royalties over FY05 is due to the increased acceptance of altered fatty acid soybean varieties by growers.

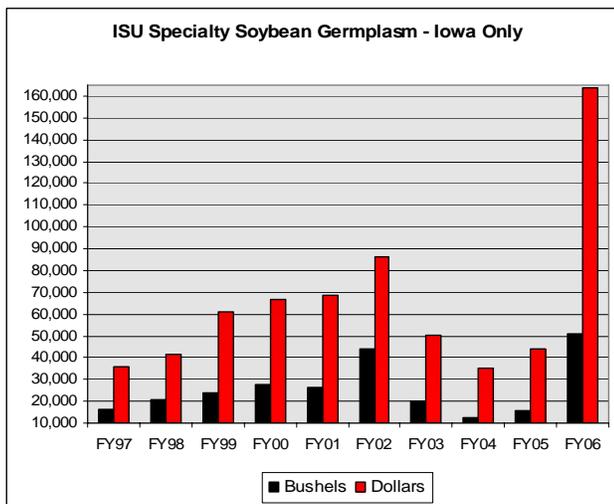


Figure 10

Encouraging the Development of Intellectual Property

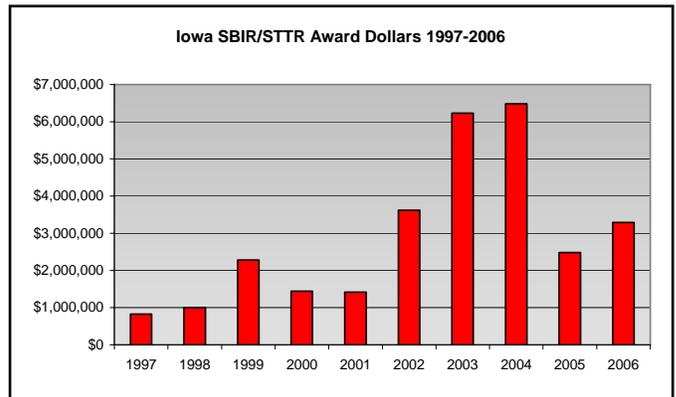
In FY06, ISURF disbursed value-added funds for eight ISU inventor projects for a total of \$148,057. These projects are the subject of patent applications and are being actively marketed and licensed. In addition, ISURF provided a total of \$8,800 in rent for two ISU start-ups at the Carver Co-Lab of the

Plant Sciences Institute and \$30,000 for scale-up of a new material to assist a start-up licensee.

SBIR/STTR Proposal Assistance

The Office of Intellectual Property and Technology Transfer began supporting SBIR/STTR outreach efforts July 1, 2005 with the addition of an SBIR/STTR Program Administrator to the OIPTT staff. Because of limited awareness of this program—which positively impacts Iowa’s small, tech-based businesses and the Iowa economy—an emphasis was placed on outreach and training activities, in addition to providing proposal preparation support.

In FY06 ten Iowa companies won twelve new SBIR and STTR awards worth \$3.3 million. The Departments of Agriculture, Defense and Energy, as well as the National Institutes of Health, the National Science Foundation, and the National Aeronautics and Space Administration, are funding this year’s Iowa SBIR/STTR award winners. The funded projects reflect Iowa’s strengths in biotechnology, information systems, materials development and agriculture. Over one million dollars in support was garnered from the NSF for diverse topics that range from the development of a “smart” material using a natural fiber reinforced composite to novel oxygen sensor technologies to developing better authoring tools for intelligent tutoring systems.



The increase in the value of awards in 2006 is due in part to an increase in the Phase II grants awarded to Iowa companies. Phase II awards can be worth up to \$750,000 compared to an award of up to \$100,000 for Phase I grants.

Outreach and training activities included giving informational presentations to a number of groups across Iowa, including colleges and universities, as well as economic development representatives and entrepreneurs. These presentations reached audiences

of over one hundred. In addition, publication of the Iowa SBIR/STTR Newsletter began in September 2005 and is currently distributed to nearly 200 researchers, entrepreneurs, investors, economic development representatives, and federal, state and local governmental officials across the state. Materials for a Phase I Writing Workshop were developed, and for the first time in several years, an SBIR/STTR proposal preparation workshop was held in March on the ISU campus. Participants in the workshop included representatives from nine small businesses, as well as ISU faculty, staff and students. Overall, several hundred people with potential interest in the SBIR/STTR programs have been contacted and made aware of the SBIR/STTR support services available through OIPTT. In addition, sixteen small Iowa companies were provided direct assistance in the preparation of twenty Phase I and Phase II proposals.

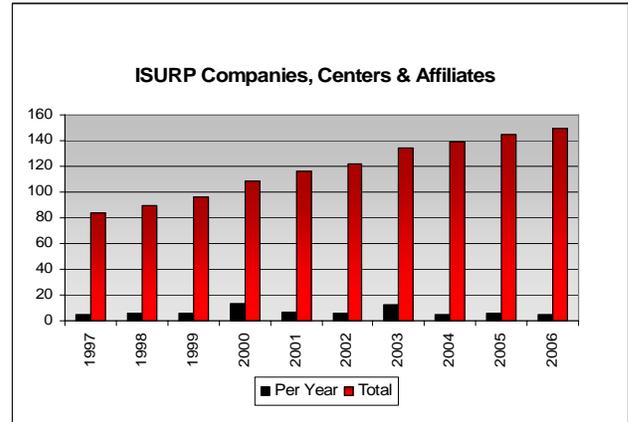


Figure 12

ISU Research Park

Currently there are 41 companies and centers located at the Research Park employing 611 people and nine affiliate companies (See Figure 11). Five new companies and affiliates have joined the Park during this fiscal year bringing the historical total to 151 companies and research centers that have been located in or been affiliates of the Research Park (see Figure 12). These companies employ nearly 2,100 people throughout the world.

Employment figures

- Existing tenant companies & centers- 611
 - Other Iowa employees of existing tenants- 66
 - Other U.S. employees of existing tenants - 9
 - International employees of existing tenants -2
 - Existing ISIS affiliates - 92
 - Former ISIS & RP companies – 1,313
- Total 2,093

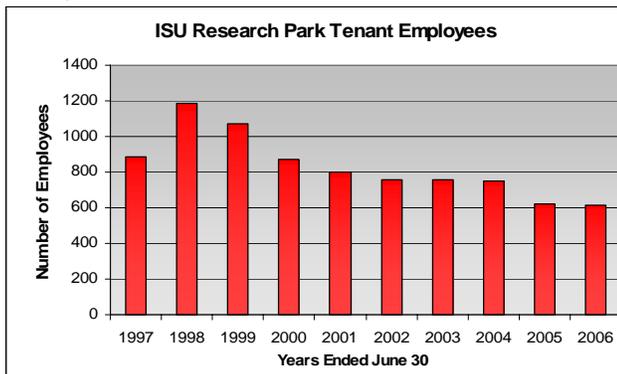


Figure 11

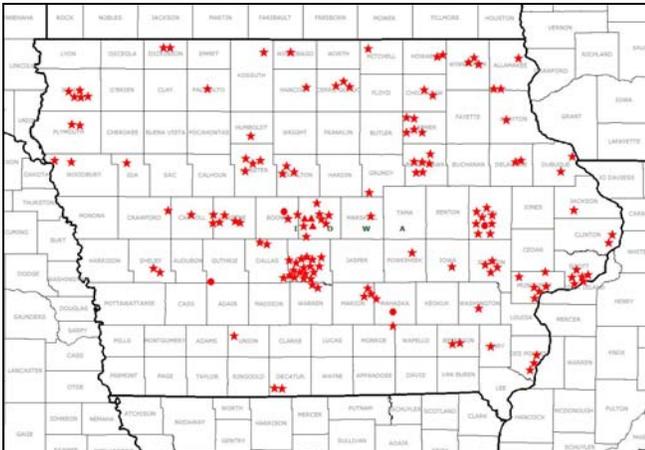
IPRT Meets the Growing R&D Needs of Iowa Industry

Accessing expertise from across the university, the Institute for Physical Research and Technology (IPRT) is able to meet the research and development needs of diverse Iowa companies leading the state in matching Iowa businesses and entrepreneurs with university resources in cost-shared research and development projects. In FY06, IPRT cost-sharing funds of \$364,931 were leveraged to a total research value of \$1,097,912 in 30 projects with Iowa companies to conduct product development, process improvement, R&D and technology development and commercialization.

Table 1

Year	Number of Projects ¹	IPRT Cost-sharing Funds ²	Industry Investment	University-Other Funds	Contract Totals
2006	30	364.9	558.1	174.9	1,097.9
2005	33	289.8	302.3	121.3	713.4
2004	43	379.3	532.9	204.8	1,117.0
2003	26	187.5	389.0	149.7	726.2
2002	44	478.4	949.6	553.0	1,981.0
2001	34	329.5	691.6	604.0	1,625.1
2000	36	426.9	887.8	522.3	1,837.0
1999	29	350.2	603.7	382.2	1,336.1
1998	35	400.1	477.1	443.1	1,320.3
1997	37	331.0	608.5	546.3	1,485.8
1996	27	316.1	373.0	599.9	1,289.0
1995	31	284.5	428.5	581.6	1,294.6
1994	16	280.3	294.2	629.2	1,203.7
1993	10	282.5	500.6	136.8	919.9
1993-2006	431	4,701.0	7,596.9	5,649.1	17,947.0

¹At any point in time, Tech Transfer Associates will be developing, implementing, and managing 40-50 projects. Technology Transfer Associates work with Iowa industry to define research needs and match those needs with university resources. This column reports the number of initiated contract research agreements with Iowa firms. ² The figure in this column reflects the allowance of carryover funds from one fiscal year to the next and additional IPRT appropriation for contract research projects and Technology Commercialization Acceleration program (TCAP) cost sharing funds.



★=Single Project ●=Five Projects ▲=Ten Projects

IPRT Works for Iowa

IPRT Industrial Interactions—FY06

- Short-term, technical assistance—121 projects
- Contract Research and Development—30 projects
- IPRT Centers—42 Interactions

IPRT Company Assistance

IPRT Company Assistance leverages the expertise of the IPRT research centers and other ISU capabilities to help Iowa companies solve technical problems, create new products and processes, and increase productivity and quality. IPRT's efforts also lead to development of new, high-tech companies. IPRT Company Assistance provides help through both short-term, no-cost technical assistance, and its R&D cost-sharing program.

Each year, IPRT Company Assistance helps about 200 firms—from one-person startups to Fortune 500 corporations. The figure below indicates the number of projects undertaken each year since 1996 with Iowa companies.

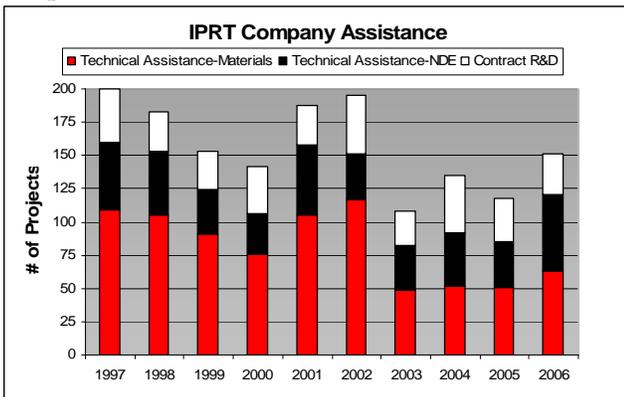


Figure 13

Iowa Companies Report Economic Impact of IPRT Company Assistance

A four-year summary of project evaluation data was analyzed in January 2006 and clearly shows that Iowa companies with technical problems and research and development needs continue to find important technical help through the services of IPRT Company Assistance. Companies report positive impacts affecting their companies' sales, investments, and operating costs. The estimated annual average impact over the period is \$17.5M per year, and it is estimated that 32 jobs on average are created or retained each year. The average cost per year of providing these programs is approximately \$660K per year. The average satisfaction rating given by clients during this four year period is 4.5 (1-5 scale), and the average survey return rate is 57%.

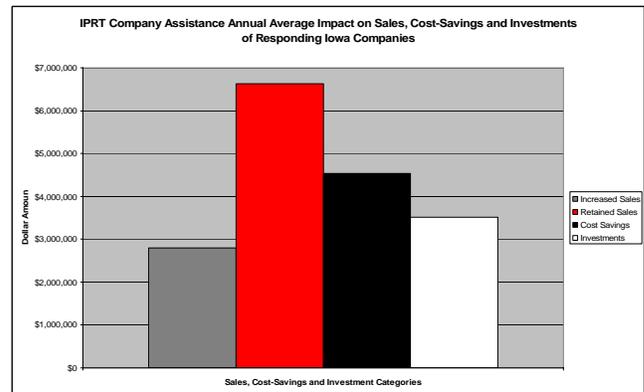


Figure 14

Chart based on survey data from FY02, FY03, FY04, and FY05

SBDC

In a report published by James J. Chrisman, Ph.D. in Management and Information Systems at Mississippi State University, data was collected from survey respondents for *Economic Impact of Small Business Development Centers*. In that report, based on several years of data, it was shown that for every \$1.00 in SBDC funding in FY04, the amount of tax dollars returned to the State of Iowa and the federal government by SBDC clients was \$4.65. There were also 243 jobs retained, 1,321 jobs created, \$13.8 million in sales retained and \$77 million in sales increased.

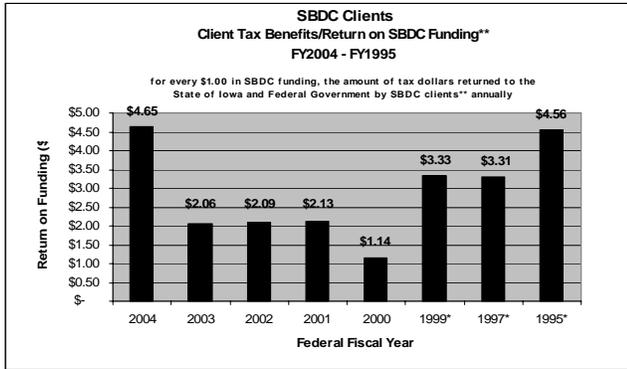


Figure 15

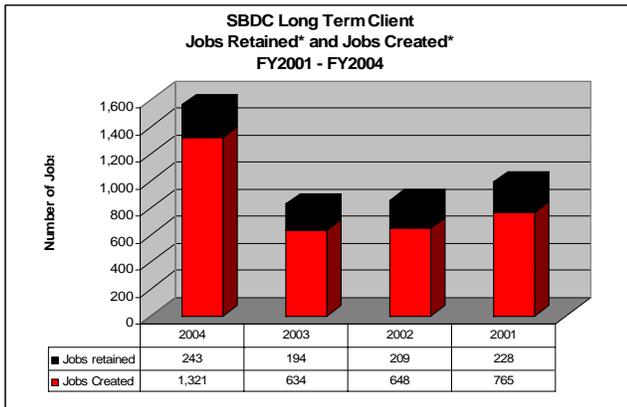
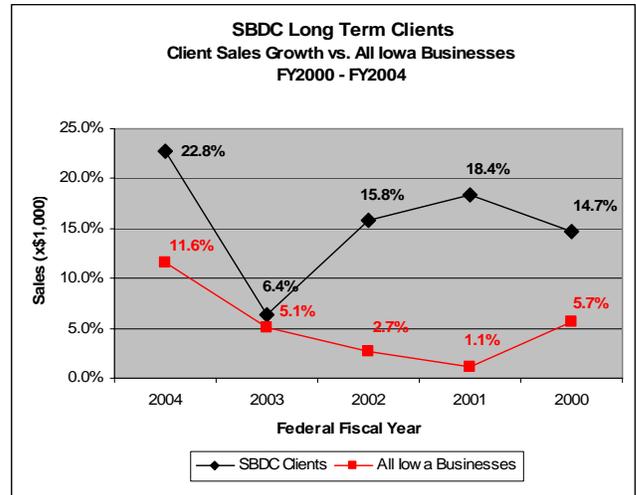


Figure 16

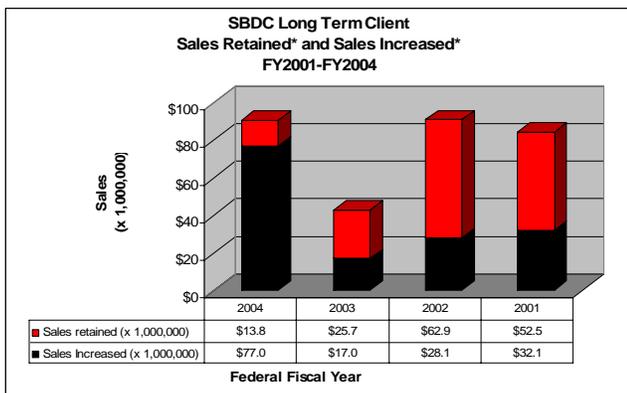
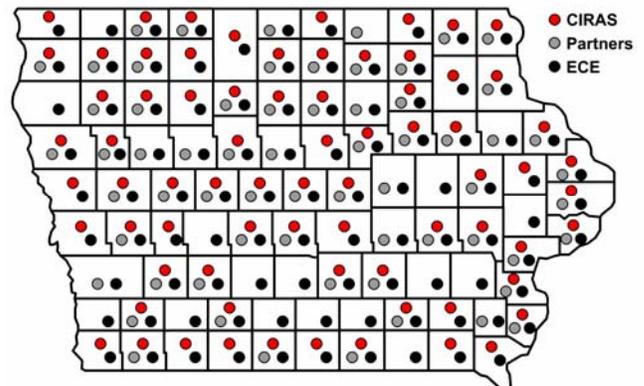


Figure 17

CIRAS

The Center for Industrial Research and Service (CIRAS) provides assistance in every county in Iowa. This activity includes technical assistance and education by CIRAS staff, assistance by CIRAS partners, and attendees at engineering continuing education (ECE) workshops.



Companies Arising from ISU Technology

Thirty-six companies whose formation was based in part on technologies and/or technical expertise at Iowa State University are listed below in Table 2. Forty-four additional companies were formed prior to 1998.

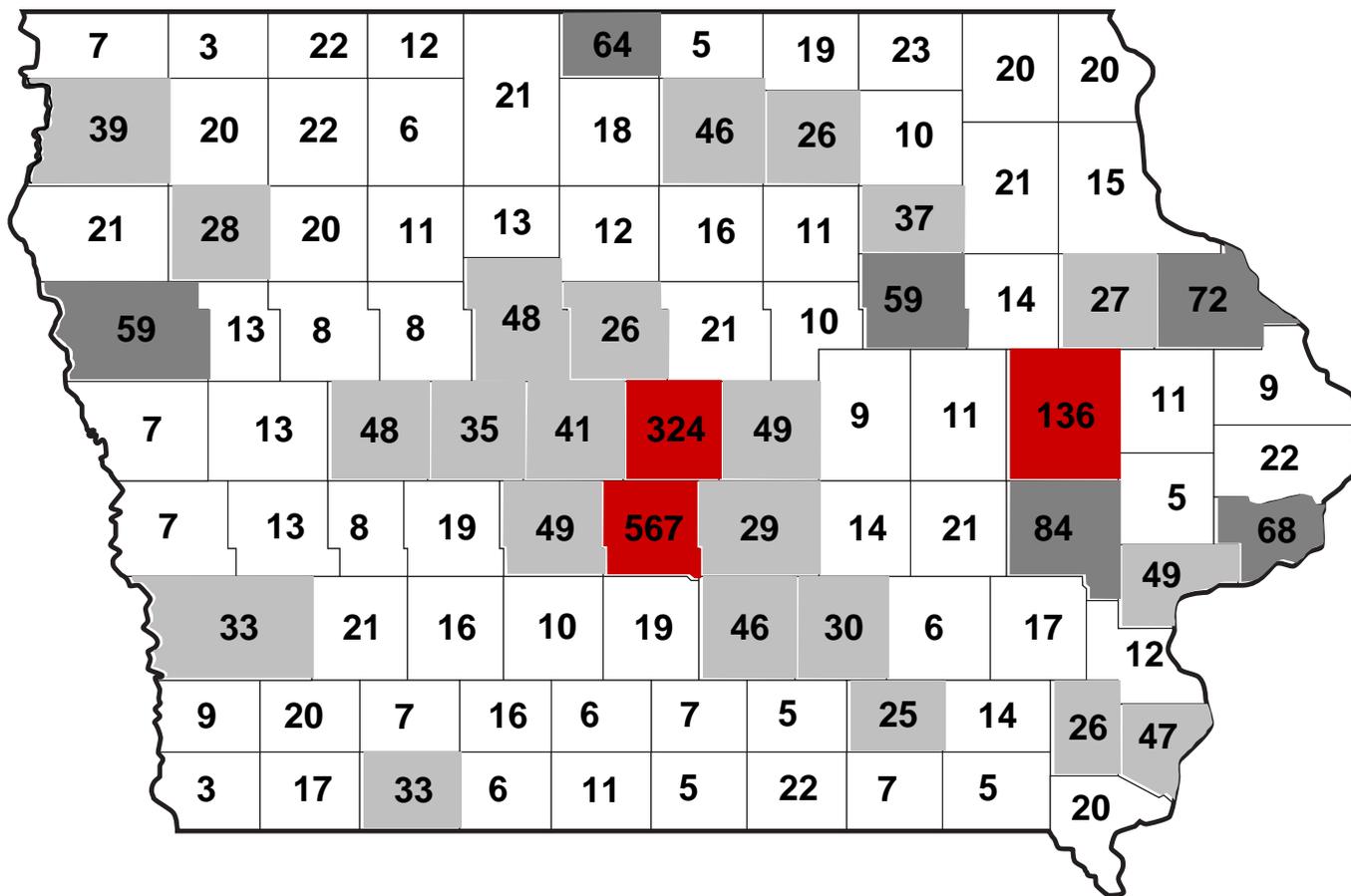
Table 2
**IOWA COMPANIES THAT HAVE FORMED DUE TO ISU TECHNOLOGIES
 AND/OR TECHNICAL EXPERTISE**
 (80 as of 9/01/06)

<u>Name of Company</u>	<u>Date</u>	<u>Specialization</u>
Magnet Array Co.	2006	Oil filters
Endometrics, Inc.	2006	Medical software
Sirrah, LLC	2005	Vaccines for swine
Noise & Vibration Technologies, Inc.	2005	Noise & vibration product development
MTEC Bioanalytics	2005	Imaging for specialty grains
NERP Technologies, Inc.	2004	Protein systems in plants
Mobiliscript	2004	Growth enhancement in plants
ZProMinGene, Inc.	2004	Diagnostic reagent kits
G-Rad Systems, Inc.	2004	Civil/construction engr. data acquisition software
Actus Potentia, Inc.	2004	Software for manufacturing processes
Infiscape Corporation	2004	High-end graphics software
Riboassembly, Inc.	2004	Protein production
CMnet Inc.	2004	CAD data search engine
Vibroacoustics Solutions Inc.	2003	Active noise control
Integrated Sensor Technologies	2003	Optical sensors
DAF Enterprises	2002	Data filtering and padding
Osteceramics, Inc.	2002	Animal orthopedics
International Cooperation Analysis & Planning	2002	Algorithms for mining databases
Glass House Studio	2001	Visualization and simulation techniques
Advanced Structural Imaging	2001	Computer aided tap testing
Walters and Associates	2001	Live animal fat prediction software
Ensoft, Corp.	2000	Software reengineering
NewLink Genetics Corp.	2000	Genomics and therapeutic products
MultiSep, Inc.	2000	Electrophoretic instrumentation technology
Nitro Cream, Inc.	2000	Ice cream processing system
Novascan, Inc.	2000	Instrumentation for atomic force microscopy
Phytodyne Incorporated	1999	Plant transformation technologies
Technology Labs, Inc.	1999	Assessing computer performance
MASIM, Inc.	1999	Process for joining ceramics (closed in 2002)
IA-TEK	1999	Process for analyzing seeds (closed in 2000)
Biotronics	1999	Ultrasound techniques for food animals
Innovative Materials Testing Technologies	1999	Advanced nondestruction evaluation techniques
Modelspace Corporation	1998	CAD System for turbomachinery
MSTRS Technologies	1998	Metered semiochemical timed-release systems
NDE Technologies, Inc.	1998	X-ray simulation code
epmt, inc.	1998	auction market simulators

FY06 Economic Development Interactions by County

Iowa State University works with Iowa industry, communities, and economic development personnel in a variety of capacities. The map below demonstrates the broad reach of these activities — nearly 3,200 interactions taking place in every county in Iowa in FY06. Each interaction below represents a face-to-face encounter (or significant remote communication) with an Iowa industry, community, and/or economic development group to connect them with ISU resources to solve a problem or help move forward a project that relates to the economic growth of the area. More than 25 ISU units contributed to this effort, crossing all major industry platforms.

It should be noted that the map below does not include any data for the Iowa Small Business Development Center due to confidentiality reasons. During FY06, that unit provided business assistance to companies, involving 2,316 clients and 17,038 counseling hours in 99 counties. They also conducted 319 training workshops in which 4,924 individuals participated. In addition, it should be noted that many interactions represent multiple contacts with the same company or community. Some units provided multiple contacts but others did not.



Economic Development and Technology Transfer Highlights

ISU Research Park

The mission of the Iowa State University Research Park is to provide an environment where established technology-related organizations and science and technology entrepreneurial ventures can develop and prosper in Iowa. The Research Park works to fulfill this mission in many ways.

Most visible are the facilities the Research Park builds, operates, and leases to companies located at the Park. These facilities often contain technologically-advanced laboratories and equipment required by the science-based companies served by the Park. To date, the Research Park Corporation has invested over \$20 million in land, building and improvements; this does not include the millions of dollars invested in land, buildings, and improvements by others.

The Research Park works with a variety of partners to provide services and resources required by technology companies. These partnerships are essential to the growth and success of these companies:

- Iowa State University provides a tremendous pool of resources, access to specialized laboratories, equipment, and services, student employees, and many more invaluable services. The University is the primary source of intellectual property for new companies while many of the mature companies have ongoing research collaborations with university researchers. ISU students have always been a tremendous asset.
- The City of Ames and the State of Iowa, as well as private local investors, provide financial resources to companies as they mature.

The Research Park has a broader impact than the companies located at the Park. There are currently 41 companies employing 611 people at the Research Park. Historically over 150 companies have been located at or been affiliates of the Research Park. Today these companies collectively employ nearly 2,100 people throughout the world, the majority in Iowa.

Each year the Research Park tries to extend its value to the university, community, and state by meeting with a wide range of organizations interested in learning about research parks and incubators.

Please visit the Research Park web site at www.isupark.org to learn more about the Research Park and the companies it serves.

New Company Highlights in the Research Park

New companies this past fiscal year included:

BioProtection Systems Corp., an emerging biotechnology company located in the Research Park. The company is developing innovative vaccine solutions to increase the United States' biodefense capabilities. BioProtection Systems Corporation is collaborating with NewLink Genetics' experienced biomedical and bioinformatics professionals to exploit new vaccine technologies.

BiOva, LLC, a joint venture between Glycon Technologies, LLC's research and patents and industrial leaders in the poultry business, was created to exploit the ability to separate the eggshell membrane from the eggshell on an industrial scale and the extraction of eggshell membrane derivative products. *BiOva's* primary business mission is the production and sale of natural proteins, amino acids and organic calcium for use in the food, cosmetic, nutraceutical, amino acid and medical industries.

Clearsighted, Inc. is an e-learning consultancy, dedicated to high-quality learning experiences in schools and corporations. Its primary mission is to use Intelligent Tutoring Systems (ITSs) to speed up employee training on scientific analysis software. ITSs can enable learners to achieve mastery in one-third the time of traditional training, because they use artificial intelligence to offer realistic practice tasks, immediate feedback, and individual monitoring of specific skills. ITSs are usually expensive and difficult to develop, but Clearsighted's technology makes ITSs commercially viable, allowing software manufacturers to decrease customers' training time dramatically.

Emerjent Inc. Today's combination of rapidly evolving new technologies, unprecedented availability of information, and the need to stay current, have the potential to overwhelm most people. *Emerjent Inc.* is developing software tools that allow customers to turn these hurdles into opportunities. Through automated intelligence gathering and analysis of widely scattered

data from disparate sources, customers will be able to confidently navigate the innovation landscape of emerging technologies. *Emerjent* will develop a suite of software tools that automatically track emerging technologies by collecting and analyzing data from disparate database and web-based resources. These tools will be offered on a subscription basis to competitive intelligence professionals, private equity investors, and startup companies and will be accessed either through stand-alone desktop applications or a web-based portal.

Nano-Electrochem, Inc. was created to exploit the global capacitor market, specifically targeting the markets for voltage tunable, gigahertz, electrolytic, and electrochemical capacitors. The current research objective is to demonstrate the feasibility of producing a high-dielectric, non-linear nano-capacitor with a high energy density while still maintaining existing power outputs. This proposed capacitor features a high dielectric constant sustainable to gigahertz frequencies and a capacitance that is voltage sensitive. Customers will include producers of products requiring energy pulses and energy storage; any product requiring power retention (back-up energy) during an outage or shutdown; voltage sensitive or frequency resonance response equipment (microwave communications, radio, cell phones); and microelectronics where size is limited or where “smaller is better” (consumer electronics).

Plant Sciences Institute Incubator Adds Two Companies

In FY06, two new start-up companies moved into the Innovations Development Facility, an on-campus business incubator in the Roy J. Carver Co-Laboratory. One of the new tenant companies is working on expressing recombinant proteins in the nectar of plants. While still in the early stages of this technology, their long-term goal is to express high value medicinal proteins and antigens for human or veterinary consumption. This protein expression company was also successful in receiving a Phase I Small Business Innovation Research (SBIR) grant from USDA. The second new company in the facility is a company involved in developing novel methods for the crystallization of various proteins. The first application will be a high-throughput protein crystallization procedure and a stand-alone bench top prototype. A total of eight companies have signed lease agreements for business incubator space since

the Innovations Development Facility opened in September of 2003.

Vaccine Start-up Company

Sirrah, LLC is a startup biotech company from Iowa State. The company was incorporated in June 2005 for the purpose of developing vaccines for swine diseases, specifically Porcine Reproductive Respiratory Syndrome (PRRS) and swine influenza. The intellectual property involved is based on a provisional patent filed in November 2005 regarding the protective antigenic determinants of the PRRS virus. The ISU Research Foundation has granted Sirrah an exclusive license to the intellectual property. Sirrah scientists have demonstrated proof of concept for use of replicon technology for vaccine development in pigs. Sirrah’s molecular-based approach and replicon-platform backbone manufacturing allows for a more rapid and effective response to the exact pathogen occurring in disease outbreaks of PRRS and swine influenza. Sirrah officials plan to move into the ISU Research Park in October 2006.

Pappajohn Center for Entrepreneurship/ ISU Small Business Development Center

Business Assistance

In the past year, the ISU Pappajohn Center/ISU SBDC has:

- contributed 6,979 hours of professional and student consulting assistance to start-up and existing companies;
- served 106 clients with in-depth counseling, and more than 250 additional clients via email and telephone;
- educated more than 180 clients through its 20 Smart Start business start-up workshops;
- worked with 32 technology based companies located at or affiliated with the ISU Research Park.

The Center assisted eight companies in applying for ISU Grow Iowa Values Funds, and assisted five companies applying for Iowa Department of Economic Development Grow Iowa Values Funds.

The Center assisted in the development of the John Pappajohn Iowa Business Plan Competition, and helped four companies prepare for the competition. The Center provided significant assistance in the

development of the top two scoring plans (of seven selected to participate in the interview phase of the competition).

Education and Experiential Learning

A campus wide effort to revamp the existing Entrepreneurial Studies Minor and increase participation in all of the colleges is underway. A series of workshops in each college, to be followed by a competitive grants program for faculty, including the development of courses in entrepreneurship, is being launched fall 2006. Support for the program is being provided by the Kauffman Foundation and is administered by the Pappajohn Center for Entrepreneurship. The introductory course in entrepreneurship, which is offered to all majors, continues to be filled to capacity (300 annually), with 60% of enrollment coming from students not in the business college.

More than 15 Iowa State faculty members attended or presented research at the U.S. Association for Small Business & Entrepreneurship (USASBE) annual conference.

More than 80 Iowa State students attended a six-week long course in Alicante, Spain. Students took courses in Entrepreneurship and Spanish, and visited local entrepreneurs in the region.

In its third year, the Entrepreneurship & Innovation Learning Community will house 30 students in an immersive learning experience. Speakers and mentors from the business community provide guidance and serve as speakers and offer field trip opportunities. The students plan to open a student-run coffee and snack shop in their community in the fall.

The ISU Entrepreneurship Club draws a number of students from a variety of majors who are interested in interactions with entrepreneurs from the community.

Internship and work experiences for students are offered on a year-round basis to companies located in the ISU Research Park. All majors and classifications are invited to apply for opportunities to work with start-up and new companies based on technologies developed at Iowa State. More than 30 students are employed each year through the Pappajohn Center's formal entrepreneur internship program.

Endorsed by the Iowa Board of Regents, the Pappajohn Centers in Iowa, with leadership from the Okoboji Economic Development Corridor, hosted the first Okoboji Entrepreneurship Institute. Twenty-four students (eight each from Iowa State, UNI, and Iowa) participated in a week-long program that included a startup-up company computer simulation, nationally recognized speakers, and economic development presentations by host families and Okoboji economic development staff.

Business Plan Competition

An Iowa State University team of software development students received one of the top \$5000 cash prizes in the annual Pappajohn New Venture Business Plan Competition, held this year in conjunction with the Collegiate Entrepreneurs Iowa Conference at Iowa State. Close to 400 students from throughout Iowa attended the conference. The conference features successful entrepreneurs – alumni and students – and promotes resources available for students interested in launching companies. The competition and the conference are co-hosted by the five John Pappajohn Entrepreneur Centers in Iowa.

Business Accelerator

The Center is partnering with the Greater Des Moines Partnership and DMACC to establish the Central Iowa Accelerator, an Iowa Department of Economic Development program targeted at assisting high impact clients and for which the IDDED provides seed funding for the establishment of an accelerator program. As a partner the center will provide ongoing guidance, support and oversight to the accelerator staff.

ISU Pappajohn Center / ISU SBDC Assists Companies Access Wellmark Venture Fund

The ISU Pappajohn Center and ISU SBDC (Small Business Development Center) serve as a gateway for applicants to the Wellmark Venture Fund, a convertible debt program providing up to \$150,000 in financing to qualifying applicants – generally high tech / high impact companies in the area of biotechnology, software, advanced materials, instrumentation and so forth. After leading the effort to restructure the terms of the financing to reduce concerns of applicants, the ISU Pappajohn Center / ISU SBDC assisted three companies in applying for and receiving funds from the program in the last quarter of FY 2006. In all three situations the Wellmark investments leveraged additional funds.

ISU Pappajohn Center Assists Company with Immigration Issue

A client company faced the potential loss of a key employee with advanced degrees in mechanical engineering and computer science, due to immigration concerns. The Center participated in rewriting the application materials and assembling the necessary support for the reapplication. This involved marshalling support from city officials, investors, and a congressional representative to make a strong reapplication. A local attorney was recommended rather than the one the employee had previously used. The employee was awarded a new H1B visa. This allowed the company to stay on track with its development efforts, which was a critical factor in achieving a sale with the company's original customer. In addition, the loss of the employee, because of her unique skill set, would likely have required the hiring of two employees to replace her, resulting in additional drain on cash flow.

Client Quote: Our existence as an Ames-based technology startup would have been questionable had it not been for the assistance and support provided to us by the ISU Pappajohn Center.

Survey Assistance

Agren, Inc. is a private consulting firm that works with governmental agencies, corporations, and non-profit organizations on a wide variety of agricultural and environmental projects. Faculty members in the Center for Survey Statistics and Methodology provided a full range of data collection services to Agren for a business telephone survey relating to prescribed fires. These services included questionnaire design, programming, and telephone data collection with 50 businesses that had experienced escaped fires, and data file preparation.

Increased Government Contracts

A small company in Davenport requested CIRAS assistance in creating sales for the company through government contracts. CIRAS worked with the company in bid preparation, term definition, interpretation of FAR regulations, RFID readiness, and crating and packaging. CIRAS also helped with marketing to GSA to increase product visibility and increase sales. As a result, the company's government contracts for the past year have grown to more than \$600,000.

Setting Higher Standards

One of Iowa's largest grain cooperatives requested internal auditor training from CIRAS to becoming certified to the new national biodiesel industry quality standard, BQ-9000. CIRAS provided training for internal audits, a pre-certification audit, and advice on implementing the BQ-9000 standard. The plant became the second company certified to BQ-9000 in April 2005. As a result, sales are expected to increase 30 percent with cost savings of \$200,000, 12 jobs were saved, and five new jobs were created.

Improved Productivity

CIRAS worked with a company in Sully to improve the productivity of the work cells involved by using constraint management methods and revising the local and global measurements used. The company has since acquired the GoalSetter brand of basketball hoops and reports a \$1.5 million increase in sales with no additional operating expenses, a decrease in inventory of \$200,000, and they saved \$270,000 by reducing costs and avoiding unnecessary investment.

Biobased Products Catalogued and Ready

CIRAS is working with the USDA to implement the Federal Biobased Products Preferred Procurement Program (FB4P) authorized by the 2002 Farm Bill. The program is designed to open potential federal markets for biobased products. The first of a series of rules designating six biobased items was published in the Federal Register on March 16, 2006. Items include diesel fuel additives, mobile equipment hydraulic fluids, roof coatings, penetrating lubricants, water tank coatings, and bedding, bed linens and towels. Company products are showcased in the FB4P Biobased Products Catalog.

www.biobased.oce.usda.gov/Catalog/catalog1.cfm

Entrepreneurial Network

In October 2005 ISU Extension brought together entrepreneurs and inventors in Carroll County to explain the benefits of a Regional Entrepreneurs Association. Twenty-eight people attended the first meeting; now the group meets monthly to hear a speaker, share ideas and concerns, and provide support for each other. Participants also network in small groups to help each other individually. As a result, Carroll was selected as one of four Iowa communities for the MyEntre.net program. Ten participating business owners expanded their businesses. Seventeen business owners credit REA for giving them a business idea. Three stated an economic

impact of over \$1,000 and 33 members said REA was an effective way to network with other entrepreneurs.

Bringing the Dairy Industry Back to Iowa

The New Farm Family Project involves seven counties in northeast and northwest Iowa. Each has a steering committee of volunteers that helps new immigrant dairy farm families establish a new dairy farm in Iowa. ISU Extension has helped the steering committees organize and hold public meetings to determine if this project is feasible in a county or community, coordinate formal tours for prospective farmers, develop building concepts for a new dairy, review possible sites for suitability to build on, provide technical assistance on herd additions and biosecurity, facilitate steering committees in developing lists of service providers, assist in the development of job descriptions, and many other management needs of new dairies. One new dairy farm started in November 2005 and four more will begin operation this fall or winter. A total of 1,570 cows will be retained or added to Iowa's cow population with these five new dairy farms, and the hope is that more will follow. It is estimated that one dairy cow in a community has a \$15,000 total economic impact annually.

Partnering for Progress

Tri-City Energy, LLC is a Keokuk startup business producing biodiesel using soybean oil as a feedstock. The United States Department of Agriculture required that the company obtain an independent third party feasibility study and review of its business plan to qualify for a Business and Industry loan guarantee of \$2,000,000 and a Renewable Energy Grant of \$500,000. The funds were necessary to help the company achieve its goal of building a biodiesel manufacturing plant capable of producing five million gallons a year. The ISU Value-Added Agriculture review team completed the feasibility study and the review of the business plan, and the company received both the loan and the grant. Tri-City will begin producing biodiesel in September 2006. The fuel will be sold to regional outlets within 50 miles of Keokuk.

Product Development Feedback

Vibroacoustics Solutions, Inc., an ISU start-up company, was formed to commercialize technologies that better reduce noise and vibration in a variety of manufactured products. The key to the technology is in developing "smart" materials and components that are integrated into products such as ceiling tiles,

construction equipment, acoustic doors, and suspension systems. The technology allows each product to better absorb unwanted noise and vibration frequencies. IPRT helped the company collect feedback from potential customers to help direct initial product development, and the company launched its acoustic door core product. The company recently won a NASA SBIR Phase I award, won a Phase II SBIR award from the National Science Foundation, and has product development contracts with two potential customers. It employs approximately five to eight employees. The company has offices in Boone and Brooklyn, Iowa.

Rural Business Assistance

Five members of the Apparel, Educational Studies, and Hospitality Management Department have teamed with IDED's Main Street Iowa program to develop business assistance plans that incorporate experiential value-based strategies (i.e., adding educational, aesthetic, entertainment, and escapist experiences) for small rural retail and hospitality firms. The plans covered an array of business elements such as marketing, website development, merchandise presentation, and enhancing the physical presence of tourism, retail, and hospitality businesses. In this second year of a three-year project funded by the USDA, faculty and student teams worked 16 Main Street Iowa businesses from State Center, Story City, Hampton, and Osceola.

Reaping Rewards of Locally Raised Foods

Selling locally raised fresh fruits and vegetables at local markets typically pays about four or five times more than the production costs. According to Iowa State University's Leopold Center for Sustainable Agriculture, the revenue generated per acre by Iowa fruit and vegetable farms is almost seven times the amount generated per acre by corn and soybean farms—about \$1,800 per acre versus \$260 per acre. The Leopold Center and CTRE are working together to identify ways to help Iowa farmers compete in the fruit and vegetable market. The initial result is a web-based planning tool that helps stakeholders identify supply gaps and assess potential shipping advantages that might be achievable with local production.

Managing I-235 Reconstruction

The Iowa DOT is reconstructing I-235, a 14-mile urban freeway serving downtown Des Moines and West Des Moines. When completed, I-235 will have at least three lanes in each direction, with four in each direction downtown. All interchanges will have been reconstructed, 71 bridges modified or rebuilt, and a new landmark—a blue arch pedestrian bridge—constructed. CTRE is providing scheduling and production management services for this comprehensive, multi-year project to ensure that the Iowa DOT, working on multiple tasks with multiple contractors, utilities, and government agencies, accomplishes the work on time and on budget, with minimal inconvenience to the traveling public.

Industrial Strength Blades

Creating a better industrial skinning blade for slaughterhouses was the key for a small Iowa manufacturer to break into a new market. Working with faculty and graduate students from the Department of Materials Science and Engineering, a blade was developed that is more wear resistant than the market-leading industrial blades. Using an electron microscope, a procedure was developed that reduced numerous burrs and sharpening defects on the blades. With the improved process and attention to the quality control of the subcontracted blade sharpening procedures, the company has positioned its blades for major growth in the market for industrial slaughterhouse blades.

Adjustable Cabinets

ISU researchers are collaborating with a Waterloo company to produce cabinets with universal design features that can accommodate a variety of users. The modular approach allows cabinet components to be quickly changed with simple tools. The cabinets have the potential to revolutionize accessibility requirements in multifamily housing. Instead of installing accessible cabinets in the “handicapped” units and “standard” cabinets in the rest, the same modular cabinets can be installed in all units and easily changed as needed when new residents of various statures and abilities come and go. The Iowa Finance Authority has expressed interest in installing the cabinets in apartment units they finance. The project is a collaborative effort of ISU researchers from Human Development and Family Studies, the Center for Industrial Research and Service (CIRAS), and Industrial and Manufacturing Systems

Engineering, funded by a grant from the U.S. Administration on Aging.

Cool Snacks

A company in Bettendorf that specializes in stainless steel fabrication recently introduced a new high-heat cooling tunnel to rapidly cool baked products, such as cookies, snack bars, and candies. Staff from CIRAS and a faculty member from Mechanical Engineering worked with the company to develop a computer model of the tunnel. Company leaders estimate that they have retained sales of \$2,500,000 and that they have the potential to gain \$3,000,000 per year in additional sales because of the assistance they received from ISU Extension and the College of Engineering. The company has also invested in \$50,000 of new equipment and anticipates adding at least six employees at the Bettendorf plant.

Fields of Flax

U.S. consumption of flaxseed and flaxseed oil is increasing. Other grain buyers are increasing their purchase of flaxseed for animal feeds. The construction of a crushing facility for organic flax and other oilseeds in northwestern Iowa has attracted organic crop producers to try producing this specialty crop. Production and marketing challenges include pest management in organic systems and the uncertainty of only one verified market. To address these challenges, Value-added Agriculture Extension partnered with the Agronomy Department, the Leopold Center for Sustainable Agriculture, and Practical Farmers of Iowa. Field research addressed planting and weed control methods and cultivar evaluations for organic production. Post-harvest research includes evaluating oil quality and quantity, and seed cleaning and handling methods to meet current market demands. A flax working group includes growers, processors, buyers, and researchers. Workshops in 2005 and 2006 let prospective growers know about market opportunities, production methods, and research. Approximately 1,000 acres of organic flax were grown in Iowa in 2006, with an estimated net return of \$250 per acre -- about twice what growers would net on organic small grains, the alternative in their crop rotations.

Improved Product Quality and Reliability

A Waverly company experienced two field failures and came to IPRT Company Assistance for help. Based on field failure evidence, ISU and Ames Lab researchers suggested that welding wire, shielding

gas, and tube oxidation prevention measures be implemented. Using IPRT's input, the company is taking positive steps to improve the quality and reliability of its products. They are making changes to their welding process, are having a welder fully trained and certified through their local community college, and they hired a consultant to eliminate as much variability from their brazing process as possible. The company has also chosen the optimum filler metal for their application to improve quality, and will purchase a single shielding gas that works for all applications, eliminating the confusion and cost of stocking two. These improvements will help to avoid costly field failures and will aid in the retention of sales to existing customers.

Removing Contaminants from Water

IPRT Company Assistance assisted two Iowa companies on projects testing and evaluating the companies' new water treatment technologies. A local company developed a new product to remove arsenic from drinking water. The company needed a basic evaluation of the product and assistance in determining the dosages and treatment times for it. IPRT co-funded testing conducted by researchers in the Civil, Construction and Environmental Engineering Department (CCEE). Another local company wished to study modifications of the common sequencing batch reactor (SBR) as a possible low cost approach to removing nitrogen and phosphorous. IPRT Company Assistance established a collaborative research project with the company, CCEE, and the City of Grundy Center. Two modified operating schemes for the SBR were developed and tested at the Grundy Center municipal wastewater facility. Results showed that an existing SBR treatment plant can be easily converted to a treatment system for removal of both nutrients. Both companies plan to launch these technologies into the marketplace.

Corncob Bedding

A multi-disciplinary approach was used to help an Iowa company develop a new product application for their corncob products. The company wanted to develop animal bedding out of corn cobs that has very low levels of microorganisms and can be packaged and used for lab animals and domestic pets. Researchers from the College of Agriculture helped optimize the process for treating the corncob material to reach low level microorganism counts. Researchers from the College of Veterinary Medicine performed

animal safety tests on the bedding material. Both projects were initiated through IPRT's cost sharing program. The research generated satisfactory results, and the company plans to launch their new product in early 2007.

Fertilizer as an Ethanol Co-Product

Four All Seasons, L.L.C. of Holstein is a startup company developing natural fertilizers for the turfgrass industry made from co-products of the ethanol manufacturing process. The company has been working with a university professor of horticulture who received a patent in 1991 for his discovery that corn gluten meal can be used as a natural "weed and feed" product on lawns. Since then, more than 44 million pounds of the product have been sold through license agreements with the ISU Research Foundation. Laboratory analyses were conducted on Four All Seasons Bio-source Natural Fertilizer. It was tested against industry standards, and its performance was documented over two growing seasons. The ISU data made it possible for the company to launch the product in 2006. The Bio-source Natural Fertilizer is the first new commercial offering using co-products from the Quad County ethanol plant, and Four Seasons is working to create other value-added products.

Using Genetics to Create Tastier Pork

Over the past 15 years, the emphasis on selecting for leaner pigs has resulted in pork with lower water-holding capacity, lower intramuscular fat and lower scores for juiciness and flavor. A new company is testing the use of ultrasound technology to help swine breeders select genetics to reverse this trend. Biotronics Inc., located in the Iowa State University Research Park, received a Small Business Innovative Research grant in May 2006 from the U.S. Department of Agriculture. The funds are being used for an eight-month "proof of concept" study to show how ultrasound could be used to improve the quality of pork. An ISU emeritus professor of animal science is president of Biotronics. He was instrumental in developing an ultrasound test that is used to assist cattle breeders improve beef quality. The Biotronics study will demonstrate the feasibility of developing and commercializing an approach for predicting pork quality in live animals using new digital beam forming ultrasound technology.

New Soy Processing Operation

The Center for Crops Utilization Research (CCUR) provided assistance to SafeSoy Technologies, Ellsworth, Iowa, with development and installation of CO₂ supported screw pressing for soy-oil extraction at the new plant. The process mechanically extracts oil from soybeans without using hazardous solvents and denaturing the protein in the meal. The meal is an ideal feedstock for a new protein fractionation process developed at Iowa State University. Iowa State faculty members are assisting with quality control issues associated with plant start-up and process optimization.

Pilot-Stage Product Development

The Center for Crops Utilization Research provides pilot plant services to Iowa companies. The four examples below demonstrate work conducted in the CCUR pilot plant and technical assistance available to Iowa industry:

- Grain Processing Corp., Muscatine, conducted research and development work on corn and soy protein formulations for films and foams
- Penford Products Co., Cedar Rapids, size-reduced corn bran for a potential new proprietary product
- Phyto-Technologies, Inc., Woodbine, received technical assistance with solvent extraction equipment operation and safety procedures
- Proliant, Inc., Ankeny, spray dried and size-reduced plasma products for meat research and development as well as tested products.

Environmentally Friendly Extraction Process

Extracting soybeans with the petroleum distillate hexane is the most common oil recovery method. However, hexane is a highly flammable compound that interacts with pollutants to form ozone, and a neurotoxic and hazardous air pollutant. CCUR-affiliated faculty partnered with Genencor International, to develop enzyme-assisted aqueous extraction processing (AEP) for soybeans. Genencor provided access to their extensive library of enzymes and skills in developing new specific enzymes for AEP. The project has made significant advances toward a competitive method of extraction with environmentally friendly water-based technologies improved by using state-of-the-art enzymes to enhance oil and protein recoveries and separation.

Building Muscle through Research

Metabolic Technologies, Inc., entered into a consortium agreement with Iowa State University and for the implementation of the scientific portion of the awarded NIH/NIA SBIR grant awarded to Metabolic Technologies. Daily supplementation of a product developed and owned by Metabolic Technologies containing an amino acid mixture, beta-hydroxy-beta-methylbutyrate and lysine, was tested for increasing whole body protein synthesis, fat-free mass, strength and functionality in a larger group of older adult men and women over an entire year. The Human Metabolic Unit at the Center for the Designing Foods to Improve Nutrition was used as the subjects' initial and quarterly meeting and testing areas. The equipment and personnel in the center and unit were critical to the success of this project. This study has been completed and the results are promising.

Biodiesel Emissions Study

Biodiesel is available in low-percentage transportation blends in many locations around Iowa. For the utility sector that uses diesel generators for electricity production, emissions certification for use of biodiesel is a critical need. The Iowa Energy Center is working with the Iowa Association of Municipal Utilities to test emissions from stationary generators using blends up to B20 (20% biodiesel). The goal of the effort is to provide data needed to obtain broad regulatory approval for use of these higher percentage blends. The outcome of the project will benefit most of Iowa's electric utilities and some private power providers.

Biodiesel Technology Refinement

The Iowa Energy Center entered into a sponsored research agreement with Mid-States Biodiesel to develop technology for moderate-scale commercial biodiesel facilities capable of utilizing a variety of plant oils and animal fats including waste products. The company envisions a niche market where smaller, highly-automated production facilities can be co-located with feedstock generators such as food processors. The company invested in an upgraded biodiesel pilot plant at the Energy Center's Biomass Energy Conversion Facility which will become ISU's property at the end of the research project. Mid-States is also interested in helping to foster education and training around the pilot plant, seeing those as critical needs as the biodiesel industry matures in Iowa.

Reducing Truck Engine Idling

Idling truck engines consume over a billion gallons of diesel fuel annually. As the cost of diesel continues to rise, reducing truck idling is becoming a national-energy and a trucking-industry priority. But it is not that easy to do. Idling engines keep drivers comfortable so they can rest and drive safely. CTRE is working with the Iowa Energy Center, the Iowa Motor Truck Association (IMTA), and a manufacturer to demonstrate an innovative, technology-based alternative. A national workshop held last year generated a demonstration idea, and CTRE is working with IMTA to hold a combined alternative fuel and idle reduction conference in 2006.

Licensing Vaccines

Fort Dodge Animal Health, a division of Wyeth, announced it has received full licensure from the U.S. Department of Agriculture for Suvaxyn™ PCV2 One Dose. Developed in collaboration with the Virginia-Maryland Regional College of Veterinary Medicine (VMRCVM) at Virginia Tech and Iowa State University College of Veterinary Medicine, this inactivated, one-dose vaccine for piglets four weeks and older aids in the prevention of Porcine Circovirus Type 2 (PCV2) viremia and control of lymphoid depletion caused by PCV2. First identified in the early 1990s, PCV2-associated diseases have since become one of the most significant viral diseases in pigs globally. PCV2 is the causative agent of postweaning multisystemic wasting syndrome (PMWS), and is an important component of respiratory disease in pigs.

Virtual Reality Tool-Kit

The Virtual Reality Applications Center, part of the Institute for Physical Research and Technology at ISU, released its first public version of VE-Suite in June 2006. VE-Suite is a unique open-source software package that integrates together all the simulations and models needed to describe an engineering process. This creates an interactive, user-centered, virtual environment that seamlessly allows the user to perform a wide range of engineering tasks. VE-Suite is in daily use at several companies and labs including Deere & Company, Rock Island Military Arsenal, John Zink, and Pratt & Whitney. Part of this VE-Suite is a texture based engineering tool, an invention that resulted in a 2006 R&D 100 Award. The tool takes large 3-D data sets and quickly converts them into pictures that engineers can analyze and work with. The ISU researchers say there is

nothing on the market that can do the job as quickly and intuitively.

Replacement for the “Quarter Test”

For years, the best tool for an airplane mechanic to test for damage was a quarter. Mechanics would whack the quarter against the plane’s exterior and if they heard a crisp whacking sound, the part was intact. If they heard a dull thud, damage was suggested. Scientists at the Center for Nondestructive Evaluation added another dimension to this longtime “tap testing” method and created the Computer-Aided Tap Tester (CATT) which creates images of what is below the surface. The Iowa State University Research Foundation patented the CATT in 2001. After securing the patent, several companies showed interest, but it remained unlicensed. Not wanting the CATT to sit on a shelf, the engineers started Advanced Structural Imaging. CATT’s use is not limited to aircraft; it can test boats, cars or other vehicles or equipment.

Environmentally Safe Lead-free Solder

Beginning July 1, 2006, the European Union strictly limits the amount of lead and other hazardous materials lurking within the circuitry of any electronic appliance sold. As electronics and appliance manufacturers scramble to meet those tough new restrictions, a lead-free solder developed at the U.S. Department of Energy’s Ames Laboratory is playing a key role. Patented in 1996, approximately 60 companies worldwide now have licensed Ames Lab’s lead-free solder. To date, those licenses have generated royalties in excess of \$7 million. With the European directives and a similar commercial initiative in Japan, the Iowa State University Research Foundation has seen a growing interest in the alloy.

Living Roadways Community Visioning Program

Created in 1996, the Iowa's Living Roadways Community Visioning Program provides professional landscape planning and design services to rural Iowa communities with populations under 10,000. In 2005-06, the program served 12 communities with projects addressing transportation corridor enhancements, community signage, downtown streetscape improvements, recreational trail development and the like. Through the program, 12 ISU students in landscape architecture, architecture, and community and regional planning worked as interns at seven private-sector landscape architecture firms in Iowa.

The ILR Community Visioning Program received the American Planning Association's (APA) 2006 Outstanding Planning Award for a Program and was named the 2005 Outstanding Program by the Iowa Chapter of the APA.

Mount Pleasant Community Plan

Faculty, staff and students from the Institute for Design Research and Outreach, Design Extension and College of Design are among the group of researchers, consultants, architects and design professionals working with the Mount Pleasant Community LINCS (Long Range Initiative for New Collaborative Success) coalition on a three-year project to help prepare and implement a comprehensive community economic plan. In 2005-06, the Iowa State team completed planning for highway bypass/interchange development, preliminary development of a new graphic identity, and a proposed downtown district/main street master plan.

Affordable Housing for Iowans

ISU Extension Community and Economic Development (CED) received a grant from the Iowa Finance Authority to build capacity and provide technical assistance to Local Housing Trust Funds (LHTF). CED will partner with the Iowa Coalition on Housing and Homeless to help increase the amount of affordable housing in Iowa's communities, including transitional housing for new residents, starter homes for young families, senior housing, and improved housing for low- to moderate-income households. CED also will produce a field guide on how to develop an LHTF. The effort builds upon the model of successful collaboration that led to a housing trust fund developed in Dallas County.

The Best Vote

Voters in Iowa's 1,800 election precincts should find an improved system by the 2008 presidential election, as a result of a new program to train and certify local poll workers. A pilot program in Woodbury County in May 2006 was the first in a series planned for precinct election officials in all 99 Iowa counties. ISU Extension developed the training in cooperation with the Iowa State Association of County Auditors, the Iowa Association of Counties and Help America Vote Act programs for the Iowa Secretary of State's Office. The Woodbury training resulted in certification of 42 poll workers. Participants learned about the requirements in Iowa law designed to ensure open, honest, and fair elections. Plans are in place to offer

the program in about 40 counties each year in 2006 and 2007, with the final training to be finished in early 2008.

Developing Good Habits

Parents are learning how to strengthen relationships with their teens, and youth are learning how to set goals and resist peer pressure through PROSPER (Promoting School-community-university Partnerships to Enhance Resilience) in seven Iowa communities. Extension, schools, and substance abuse prevention agencies are collaborating with campus researchers from the ISU Partnerships in Prevention Sciences Institute and the College of Human Sciences, knowing that prevention programs generate savings to society. By preventing substance abuse later in life, these programs have an estimated return of \$9.60 for each \$1 invested. During the 2005-2006 school year, nearly 1,600 students and 190 families participated in substance abuse prevention programming. A study by the Washington State Institute for Public Policy calculates a net benefit of \$5,805 for each youth participating in one of the programs. Originally funded by a federal grant, PROSPER is now partially sustained by the communities — recognizing the ripple effect PROSPER is having through positive intervention techniques and the potential to positively impact family values and norms.

Intergovernmental Collaborative Activities

A faculty member in political science provided three training sessions to City Clerks' Academy and City Clerks' Institute for the use of an online system for intergovernmental collaborative activities in the State of Iowa. These activities are formalized as 28E agreements. This system allows citizens to search all 28E agreements deposited since 1965 in the Secretary of State's Office. In addition to searching, public managers can file these agreements online. The system also includes information on how to better manage these collaborative activities based on field studies. These sessions reached more than 100 city clerks.

Reducing Risks of Winter Driving

Driving during snowy, icy weather is common in Iowa and other Snowbelt states. CTRE's new Center for Weather Impacts on Mobility and Safety (C-WIMS) is helping Iowans understand and reduce the risks. For example, C-WIMS has found that when it is snowing 0.2 inches per hour or more, a motorist's risk of being in a crash is greater than if he/she were driving legally

drunk. C-WIMS administers research to improve collection and dissemination of real-time road weather data and maintains the Iowa Department of Transportation's (DOT) "Weatherview" website that displays detailed, easy-to-understand weather and road-condition road maps.

Lighten Up Iowa State University

Lighten Up Iowa is a team-based program offered in partnership with Iowa Games, the Iowa Department of Public Health, and Iowa State University Extension to help Iowans make positive changes in exercise and diet during the course of four months. Participants, working in teams, increase physical activity and improve their eating and nutrition habits. This past year, 33,183 Iowans participated in LUI and reported losing 138,872 pounds and increasing their activity by 5,122,833 miles walked (conversion of 15 minutes of activity to a mile). Go the Distance is a four-month competition based on physical activity for Iowa youth. More than 10,000 youth increased their activity to 2,029,147 miles (conversion of 15 minutes of activity to a mile walked.)

GIS Training

Based in the College of Design, the ISU Extension Geospatial Technology Program annually offers a series of hands-on short courses in geographic information systems. The program produced a set of six different courses offered nine times between January and June 2006. Four of these courses were new. More than 50 registrants participated in these on-campus offerings. In addition, a mobile GIS laboratory of laptop computers equipped with appropriate software, traveled around the state to provide training to an additional 25 professionals. The combined effort involved faculty and staff of the College of Design, Design Extension, the Institute for Design Research and Outreach, Extension Community and Economic Development, Continuing Education and Communication Services, the ISU GIS Facility, and the departments of Landscape Architecture and Community and Regional Planning.

Contemporary School Operations

Iowa State University has completed the fourth year of an agreement with Iowa School Business Officials to facilitate professional development activities to 475 school business managers, board secretaries, finance directors, superintendents, and other central office business staff. As a result, Iowa public school business officials have come to regard ISU as the

primary resource for the most contemporary school operational processes and procedures through conferences, the ICN, dialogues with legislators, and electronic newsletters.

Public School Certification Program

The Iowa School Business Management Academy is a cooperative venture with the Iowa Association of School Business Officials, Iowa Association of School Boards, the Iowa Department of Education (IDED), and the School Administrators of Iowa. The program establishes a foundation level of technical skills and knowledge for those assuming public school finance and operational responsibilities. It provides training in a voluntary certification program for Iowa public school and AEA business managers, superintendents, and board secretaries which consists of a four year program. Over 500 individuals have completed the training program since 1992.

Developing Workplace Skills

Iowa Workforce Development, Department of Human Services, and Iowa State University Extension to Families developed a 30-hour job readiness curriculum to train individuals receiving temporary public assistance. The curriculum goals are to prepare individuals for training and work by learning and practicing soft skills for the workplace. Training modules include assessing learning style/setting goals, recognizing and handling emotions, making informed decisions, communicating well with others, and understanding culture of work/balancing work and family. Approximately 3,500 to 4,000 individuals will be reached in the coming year through this training.

Bio-based Industry Conference

CIRAS coordinated the 2005 Biobased Industry Outlook conference for people involved in the production and manufacturing of biobased products. More than 420 people attended the two-day event that featured speakers who discussed new discoveries in bioprocessing, new business models and capitalization strategies for biobased businesses, and new crops and new cropping systems for biobased products. In a post-conference survey, attendees noted the importance of such an event for fostering continued growth of the industry.

Improved Child Care

In the past year, 1,815 childcare programs across Iowa received education and technical assistance through Iowa State University Extension. Ninety-four percent

of child care providers completing follow-up evaluations had adopted recommended practices to improve early childhood program quality. As a result, more than 21,000 parents can be more effective employees, knowing their children are safe in a stable, nurturing child care environment. An additional 144 individuals were employed as a result of new or expanded child care centers or home businesses assisted by Extension.

Certification Programs

For 2005-2006, the Nonprofit Management Academy provided training in Ames, Des Moines, Bettendorf, Iowa City, Marshalltown, and Fort Dodge. Thirty-six workshops were conducted with a total of 865 Iowa residents attending this year. Of these, 35 participants completed certification in nonprofit management (which requires that participants complete six continuing education units). Topics covered include fiscal management, volunteer management, nonprofit management and the law, diversity in the workplace, and grant writing. Universities collaborating in this program include University of Iowa, University of Nebraska, and University of Illinois. A number of community colleges and United Ways also are offering logistics support.

Improving Communications with Hispanic Workers

Hispanic workers with little or no English skills compose an ever-growing portion of Iowa's roadway construction workers. By developing special training tools, ISU's CTRE is playing a leading role in improving communication between the Hispanic workforce and their American peers and supervisors. The goal is to increase productivity, improve safety, and promote workplace harmony. The first tool is a technical Spanish language course for supervisors/contractors. The second tool is a pre-construction-season workshop that leads Hispanic workers and American supervisors through practice interactions that emulate on-the-job situations. Nine construction companies have requested these services.

Outreach Education for Biotechnology

During FY2006, the Biotechnology Outreach Education Center was utilized by 1,361 individuals, including 831 K-12 students, 257 participants in ISU academic programs, 100 members of the public, 68 participants in on-campus teacher workshops and 105 pre-service teacher training participants. Free supplies for laboratory experiments were provided to 120

schools in Iowa for 14,117 students, which includes 750 Extension Ag Day participants. In addition, 1,815 individuals participated in off-campus BOEC activities.

Kaizen Event

In late June 2006, ISU reviewed its processes related to industry contracts and post-award activities through a week-long Kaizen "Lean" event that was facilitated by business leaders from Vermeer Manufacturing and a private consultant. Others participating were representatives from the Iowa Business Council, the University of Iowa, the University of Northern Iowa and three industries in addition to Vermeer (Pioneer, Pratt-Whitney and Rockwell Collins). As a result of this event and ongoing follow-up, several improvements have been/will be made in this area that increases productivity between the university and external sponsors, thus providing better customer service and improving the bottom line. This event was so successful that it will be used in other areas at ISU. In fact, the Iowa State University Research Foundation/Office of Intellectual Property and Technology Transfer is planning such an event to be held in the next several weeks.

Grow Iowa Values Fund

ISU has worked closely with legislators, the Iowa Department of Economic Development, the University of Iowa, the University of Northern Iowa and the Board of Regents, State of Iowa to establish the Grow Iowa Values Fund. This legislation is providing the universities and private colleges new financial resources to expand technology transfer and commercialization efforts. As a result, ISU has awarded two rounds of grants this past year to its faculty and staff, totaling \$1.8 million to 20 research teams. These grants are fully matched by the researchers and partners.

Battelle Initiative

ISU, the University of Iowa and the University of Northern Iowa have worked closely with the Iowa Department of Economic Development, the Board of Regents, State of Iowa; legislators and business leaders through the Biosciences Alliance of Iowa organization to implement the Battelle initiative. Six proposed projects have been submitted to the Regents that focus on the biosciences, information technology and advanced manufacturing and approval of those projects is pending.

GROW IOWA VALUES FUND

The Grow Iowa Values Fund program is providing research funding to work with Iowa industry to create and improve products and processes. In March 2005, five projects were funded through a competitive RFP process. In addition, a second RFP competition was held during spring 2006. Eleven projects were selected for funding and are scheduled to begin during fiscal year 2007. The following summarizes the status of the projects funded in FY06.

Retooling Ethanol Industries: Integrating Ultrasonics into Dry Corn Milling to Enhance Ethanol Yield

PI's: David Grewell, Samir Kumar Khanal and J (Hans) van Leeuwen

Companies: Midwest Grain Processors, Lincolnway Energy, Quad County Corn Processors

Goal: Employ high-power ultrasonication prior to or during liquefaction in dry corn milling plants to achieve better sugar release for higher ethanol yield.

Progress Status: The research is approximately 5 months ahead of schedule. Characterizing the ultrasonic treatment of raw and cooked corn slurry in bench-scale is near completion. Variables studied included; sonication time, amplitude, temperature control, corn slurry pre-conditioning (cooked and raw) and enzyme introduction sequence. Other accomplishments included submission of a provisional patent application and four poster presentations. One journal article is currently being prepared for publication in high impact journal. This project has received a lot of press, including both written and radio interviews.

Quality Assessment Tools for Colonoscopy

PI's: Johnny Wong, Wallapak Tavanapong

Companies: Mayo Clinic and EndoMetric

Goal: To create software to automate capture, analysis, and interpretation of colonoscopies

Progress Status: The researchers visited Mayo Clinic to install software for capturing and collecting colonoscopy videos on hardware in two endoscopy rooms and discuss improvement of software for annotating colonoscopy videos. They have signed the inter-institution agreement between ISU, Mayo Medical Venture (MMV), and University of Texas at Arlington (UTA). They have worked with MMV on preparing a comprehensive document detailing their inventions. The document has over 100 pages with 13 inventions. They have agreed to name their start-up company "EndoMetric, Inc" and registered the domain name www.endometric.com.

Enhancing the Soy Biorefinery

PI's: Victor Lin, George Kraus, John Verkade

Company: West Central Cooperative

Goal: To create a recyclable catalyst(s) for biodiesel production from soy and animal fat

Progress Summary: They have designed a new method for the synthesis of 100 grams of solid transesterification catalysts. The feasibility of this method was demonstrated successfully in a recent experiment. The recyclability of two different catalysts for the conversion of soybean oil to biodiesel was investigated. The results indicated that one of the two catalysts tested could be recycled and reused 20 times without losing its original reactivity. They have tested the feasibility of three different catalysts for the production of biodiesel from poultry fat. The result showed that the best catalyst for soybean oil conversion also performed the best for poultry fat in reactivity and recyclability.

Pneumatic Continuously Variable Natural Frequency and Damping Isolator for Active Suspensions

PI: Atul Kelkar

Company: Vibroacoustics Solutions Inc., Sears Seating, Link Manufacturing

Goal: Develop a commercial-scale prototype seat suspension system using a continuously variable natural frequency and damping isolator.

Progress Status: The acquisition and assembly of the electro-hydraulic shaker components is complete. An initial study has been done to optimize the CV NFD design parameters. Fabrication of the first model of CV NFD lab prototype is in progress, as is the investigation of controller designs. Finally, retrofitting of the Sears semi-active seat with CV NFD isolator is complete and performance evaluations are underway. They are in close

communication with Link Manufacturing, Sioux Center, IA. Link Mfg. has provided some in-kind hardware. Sears Seating, Davenport, IA, has also sent their operator seat hardware for retrofitting.

Viral Replicon Particle Discovery Research for Development of Improved Vaccines for Swine

PI's: Matt Erdman and Maynard Hogberg

Company: Sirrah

Goal: Develop animal vaccines using a new technology – Viral replicon particles

Progress Status: The core assays needed to study influenza have been developed and implemented. A source of pigs has been located in Minnesota believed to be free of influenza virus based on screening of serum for swine influenza antibodies at the ISV Veterinary Diagnostic Lab. Pigs from this source have been shipped to ISU for vaccination studies. A term sheet between Sirrah and the Iowa State University Research Foundation has been agreed upon regarding the provisional patent filed by Harris and Erdman entitled “Protective Antigenic Determinants of PRRSV.”

Model-based Reasoning for Software: Advanced Algorithmic Techniques and Prototype Implementation

PI's: Suraj Kothari and Srinivas Aluru

Company: EnSoft

Goal: Identify the parts that are common to various software models by performing a model-based analysis so the parts may be refactored as reusable library components, making software maintenance and evolution more manageable and efficient.

Progress Status: They are currently experimenting with a new algorithm developed by extending an earlier algorithm they had developed for a similar string problem. Instead of strings, they have labeled directed acyclic graphs, which can be viewed as strings with many branches as opposed to the usual strings that have only one branch. They have worked with EnSoft to build a converter to create suitable graphical representations of the Simulink models. These representations are necessary to test the new algorithm. In parallel, EnSoft also developed a new version of the SimDiff.

Protein Micropatterning on Microsensors to Quantify Cell Cytotoxicity of Adherent and Non-adherent Cells

PI: Surya Mallapragada

Company: Cellular Engineering Technologies

Goal: Optimize protein micropatterning on microsensors to measure cell toxicity

Progress Status: They have been fabricating the PDMS stamps and optimizing the micropatterning techniques to obtain controlled protein pattern formation on surfaces with good micron scale resolution. In addition, they have also been pursuing an alternative approach as well that was not originally outlined in the proposal. The recent acquisition of a chemical printer located in the Chemical and Biological Engineering department (by other groups) has opened up new venues for protein printing on surface. They have submitted a Phase I SBIR proposal to NIH based on this work.

Applied Nanotechnology for Label-Free Detection of Pathogen-Specific Nucleic Acids

PI: Byron Brehm-Stecher

Company: BioForce NanoSciences

Goal: Develop sensitive and label-free diagnostics for high-priority foodborne pathogens using atomic force microscopy

Progress Status: After interviewing several candidates, they have hired a Ph.D. student with a strong molecular background to work on this project. He arrived at ISU in mid-June. The first experiments underway include examining the ability of thiolated (cysteine-labeled) peptide nucleic acid (PNA) probes to self-assemble on the surface of a gold-plated chip after spotting the PNA using a NanoArrayer to discrete ultramicrodomains.

Development of Novel Digestion-Resistant Starches from Corn to Combat Human Disease

PI's Alan Myers and Martha James

Company: Starch Design

Goal: Develop digestion-resistant starches from corn to combat human diseases

Progress Status: The amylopectin structural changes have been shown to be stably heritable with normal

Mendelian ratios. LCAPS was shown to be digested more slowly than normal starch in in vitro analyses using the Megazyme resistant starch analysis test kit. LCAPS is not a resistant starch - the Megazyme assay at 19 hours it is completely digested to the same extent as wild type starch. However, the LCAPS starch is digested at a slower rate over the first hour of the assay. This result is consistent with the rationale of the proposal and supports continuing on to the later project objectives. Planning is underway for human feeding trials.

FY07 PROJECTS

The following projects were selected for funding in FY07. These projects are in the initial start-up phase.

PI	Co-Pi's	Title
Mary Holz-Clause	Douglas Stokke; Daniel Burden	Corn-Biomass Composite Fuel Pellets: An Industry-University Partnership
Larry Johnson	Nicolas Deak	Commercializing New Fractionated Soy Proteins to Improve Human Health and Food Quality
Jacek Koziel		Purification & Quality Enhancement of Fuel Ethanol to Produce Alcoholic Beverages with Ozonation & Activated Carbon
Jay-Lin Jane	Janusz Kapusniak, Suzanne Hendrich	Development of Resistance and Low-Caloric Maltodextrins from Cornstarch
David Grewell	Michael Kessler and Howard Van Auken,	Ultrasonic Assisted Exfoliation of Bio-Renewable Polymer Nanocomposites with Micro-Cellular Structures
Samir Kumar Khanal	Buddhi Prasad Lamsal and Stephanie Jung	Ultrasonication in Soy Processing for Enhanced Protein and Sugar Yields and Subsequent Nisin Production
J (Hans) van Leeuwen	Samuel E. Beattie and Allen H. Trenkle	Converting Low Value Thin Stillage from Dry Milling Ethanol Plants into High Value Fungal Biomass
Richard Larock	Aron Rutin from R3 Composites	Commercialization of a Corn/Soy Oil-Based Composite Hog Feeder
Vik Dalal		Collaborative Research on High Performance Stable Amorphous Silicon-Germanium Solar Cells
Robert Brown	Francine Battaglia, Ted Heindel	Gasification Technologies in Support of Biorefineries
Manjit Misra	Yuh-Yuan Shyy, Alan Gaul	Commercialization of a Continuous In-Line Flow Meter

The Economic Development Council (formerly Coordinating Council on Technology Transfer) was formed in January 1993 and coordinates all ISU technology transfer activities. Representatives from technology transfer units and each of the colleges meet regularly to discuss problems, update each other on activities, assess the state and national environment for technology transfer and propose policy and procedures to encourage technology transfer. Current membership includes:

Tom Barton

*Institute for Physical Research and Technology
(IPRT)*

Lowell Greimann

*Center for Transportation Research and Education
(CTRE)*

Floyd Barwig

Iowa Energy Center

Tim Borich

College of Design/Extension

John Brighton (Chair)

*Vice President for Research and Economic
Development*

Charlotte Bronson

Research Administration

Steven Carter

*Pappajohn Center for Entrepreneurship/
ISU Research Park*

Joe Colletti

Agriculture and Home Economics Experiment Station

Ron Cox

Center for Industrial Research and Service (CIRAS)

Michael Crum

College of Business

Walter Fehr

Biotechnology

Stephen Howell

Plant Sciences Institute

Jack Payne

Extension Administration

Kenneth Kirkland

*Office of Intellectual Property and Technology
Transfer (OIPTT) & Iowa State University Research
Foundation (ISURF)*

Sonja Klocker

Research Administration

Mike Krapfl

University Relations

Lisa Lorenzen

Director of Industry Relations

Carey Novak

*Institute for Physical Research and Technology
(IPRT)*

Theodore Okiishi

College of Engineering

David Oliver

College of Liberal Arts & Sciences

Donald Reynolds

College of Veterinary Medicine

Jon Ryan

*Small Business Development Center (SBDC) &
College of Business*

JaneAnn Stout

College of Human Sciences

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Beardshear Hall, (515) 294-7612.*

Economic Development Accomplishments and Highlights of Technology Transfer Activities – Iowa State University of Science and Technology FY06

Section I

- A. Please briefly describe the relationship of your institution's economic development activities to the enhancement of economic growth in the state. This description should cover, but should not necessarily be limited to, the following:**
- the relationship between institutional activities and creation of jobs in Iowa;
 - institutional activities and services which indirectly promote economic development, such as training provided to staff of local economic development agencies.

Enhancement of Economic Growth through Job Creation and Retention, Investments, Sales, and Cost Savings

Iowa State University engages in several activities that have direct impact on both the creation as well as the retention of jobs in Iowa. The ISU Research Park is a technology community that encourages commercialization of university research. Likewise, the Innovations Development Facility, part of the Plant Sciences Institute, incubates new companies. In addition, the IPRT (Institute for Physical Research and Technology) Company Assistance Program, the Center for Industrial Research and Service (CIRAS), the Small Business Development Center (SBDC) and the ISU Pappajohn Center for Entrepreneurship interact with companies across Iowa to solve production and management problems. These interactions lead to the resolution of problems related to product development and business management. As a consequence of the improved production resulting from these interactions, businesses have been able to retain and often expand their work force rather than lay off workers due to the expected down turn in business if no solution to the problems had been found. Some examples of the impact that ISU units have had this past year are as follows:

- The ISU Research Park has been very successful in initiating as well as nurturing numerous new businesses. Five new companies and affiliates have joined the Park in FY06, bringing the historical total to 151 companies. Currently, there are 41 companies located in the park, employing over 600 people. A study by an ISU economist for the ISU Research Park suggests there is a substantial and diverse set of economic activity located at the ISU Research Park whose effects link strongly with the Iowa economy. The study, conducted 2002/2003, focused on current tenants at the Park, indicated that tenants contribute both directly and indirectly to \$134.2 million in total industrial output of

firms in the state. Wages paid by Research Park companies exceeds \$36.7 million annually, with an additional \$16.9 million in wages generated by businesses providing goods and services to Research Park companies and its employees. At the time of the study, the Research Park tenant companies employed over 900 people. Another 639 jobs are generated by businesses providing goods and services to the companies and its employees. The average wage per worker at the Research Park, including students, exceeds \$40,000. The economic activity generated by Research Park tenants generates an estimated \$3.7 million in state tax income and another \$1.4 million in state charges and miscellaneous revenues annually.

- Two new faculty start-up companies have located in the Innovations Development Facility, which is a recently established on-campus business incubator in the Roy J. Carver Co-Laboratory, under direction of the Plant Sciences Institute. A total of eight companies have signed lease agreements for business incubator space since the facility opened in September 2003.
- A four-year summary of project evaluation data was analyzed in January 2006 and clearly shows that Iowa companies with technical problems and research and development needs continue to find important technical help through the services of IPRT Company Assistance. Companies report positive impacts affecting their companies' sales, investments, and operating costs. The estimated annual average impact over the period is \$17.5M per year, and it is estimated that 32 jobs on average are created or retained each year. The average cost of providing these programs is approximately \$660K per year. The average satisfaction rating given by clients during this four year period is 4.5 (1-5 scale), and the average survey return rate is 57%.
- For FY06, as a result of CIRAS (Center for Industrial Research and Service) activities, 267 companies in Iowa reported \$27 million in new investments, \$9 million in costs saved or avoided, and \$63 million in sales gained or retained. Companies that worked with CIRAS and its partners reported that 955 jobs were added or retained as a result of the assistance they received.
- In a report published by James J. Chrisman, Ph.D. in Management and Information Systems at Mississippi State University, data was collected from survey respondents for *Economic Impact of Small Business Development Centers (SBDC's)*. In that report, based on several years of data, it was shown that for every \$1.00 in SBDC funding in FY04, the amount of tax dollars returned to the State of Iowa and the federal government by SBDC clients was \$4.65. There were also 243 jobs

retained, 1,321 jobs created, \$13.8 million in sales retained and \$77 million in sales increased.

- New technologies originating at ISU and licensed to Iowa companies have resulted in \$38 million in sales by those companies in calendar year 2005. Total sales of ISURF-licensed technologies were \$277 million, not including germplasm.
- The Office of Intellectual Property and Technology Transfer (OIPTT) began supporting SBIR (Small Business Innovation Research) and STTR (Small Business Technology Transfer) outreach efforts July 1, 2005 with the addition of an SBIR/STTR Program Administrator to the OIPTT staff. Because of limited awareness of this program—which positively impacts Iowa’s small, tech-based businesses and the Iowa economy—an emphasis was placed on outreach and training activities, in addition to providing proposal preparation support. In FY06 ten Iowa companies won twelve new SBIR and STTR awards worth \$3.3 million. The Departments of Agriculture, Defense and Energy, as well as the National Institutes of Health, the National Science Foundation, and the National Aeronautics and Space Administration, are funding this year’s Iowa SBIR/STTR award winners. The funded projects reflect Iowa’s strengths in biotechnology, information systems, materials development and agriculture. Over a million dollars in support was garnered from the NSF for diverse topics that range from the development of a “smart” material using a natural fiber reinforced composite to novel oxygen sensor technologies to developing better authoring tools for intelligent tutoring systems.

Training Opportunities for Staff of Local Economic Development Agencies

Many units on campus provide training opportunities for staff of economic development groups across the State. Some of these are done through visits to campus and some are done by ISU units going out to the agency or respective community. For example, the Office of the Vice President for Research and Economic Development has sponsored an Economic Development Open House for the past four years, in which many economic development groups across the State have participated in an all-day conference, including tours of campus facilities.

B. Creation of Economic Opportunities through Research and Scholarship

FY 2006	
1. number of disclosures of intellectual property	120
2. number of patent applications filed	52
3. number of patents issued	19
4. number of license and option agreements executed on institutional intellectual property	140
5. number of license and option agreements yielding income	299
6. royalties/license fee income	\$8.0 million
7. revenue to Iowa companies as a result of licensed technologies	\$38.0 million
8. total sponsored funding	\$279.7 million
9. sponsored funding for research	\$171.4 million
10. Corporate-sponsored funding for research and economic development (excludes corporate philanthropy)	\$28.6 million
11. Iowa special appropriations for economic development and technology transfer	\$2,463,557

C. Creation of Economic Opportunities through Outreach and Public Service

Please describe the ways in which your institution is engaged in the following activities (For example, What is the nature of the outreach and service activities? Which units provide it? What kinds of people and organizations benefit?):

- direct and hands-on technical assistance to businesses and entrepreneurs
- direct economic development assistance to Iowa communities
- economic development services provided by the research parks

C.1 ISU System for Innovation

Iowa State University is charged with advancing economic development and technology transfer activities that promote growth and benefit all citizens. While creation of knowledge remains the basic responsibility of a research university, the way we share knowledge determines our success. ISU shares knowledge and expertise with students (learning and teaching), communities (engagement),

and business and industry (technology transfer and economic development). ISU ranks as one of the most successful universities nationwide in several categories of technology transfer and economic development. The activities of the colleges, institutes and centers are coordinated through the Economic Development Council that advises the Vice President for Research and Economic Development. The Vice President and this Council continuously communicate with economic development entities within the State such as the Iowa Department of Economic Development, the Iowa Business Council, the Greater Des Moines Partnership and other local and regional agencies.

The Iowa State University “System for Innovation” was developed to focus on the transfer of university technologies into commercial applications in start-up or existing companies. Functions of the ISU System for Innovation include:

- **Business Development & Assistance and Entrepreneurial Activities:** Efforts related to start-up companies, including business assistance services & SBIR/STTR applications.
- **Technical Assistance & Technology Development:** Solving technical problems, assisting in product development and process improvement projects for existing businesses. This includes the current efforts of no-cost technical assistance and cost-sharing projects.
- **Industry Relations:** Facilitation of a multitude of interactions between ISU and its industry partners, including the management of research relationships and interactions with economic development groups, legislative groups, and other third parties.
- **Community Development:** Working with community organizations to disseminate and develop programming, facilitating community organizations, fostering community planning, and coordinating with community and regional economic development networks and organizations.
- **Technology Transfer and Licensing:** The transfer of patented intellectual property to business and industry through license agreements.
- **Physical Space:** Physical space for business incubation is available in the ISU Research Park, Plant Sciences Institute, and Center for Crops Utilization Research.

Research and Instrumentation Facilities: Iowa State University maintains more than 20 central research facilities that also serve communities and businesses on a fee-for-service basis.

C.2 ISU’s Key Units engaged in Economic Development

Iowa State University, as part of the higher education system in the State, is charged with advancing technology transfer and economic development activities that promote growth and benefit all citizens. The University evolves these goals by contributing to workforce development, creating intellectual property, advancing ideas to the stage of market readiness, supporting creation of new

companies, offering assistance to existing companies, and attracting new companies to the State. The University's economic development/technology transfer support system includes the following units that are coordinated through the Economic Development Council:

- Institute for Physical Research and Technology (IPRT): Through IPRT's Company Assistance Program, Iowa companies can leverage the expertise of the IPRT research centers and other ISU capabilities in order to solve technical problems, create new products and processes, and increase productivity and quality. IPRT Company Assistance provides help through both short-term, no-cost technical assistance, and its R&D cost-sharing program. IPRT assists early-stage technology commercialization and actively collaborates with Iowa companies on technology transfer projects. Materials and process problems can be addressed, and IPRT experts can also assist Iowa companies with inspection and measurement challenges. IPRT plays an integral role in the process of technology transfer targeted at new business creation.
- Pappajohn Center for Entrepreneurship and the Small Business Development Center (SBDC): These units work with researchers to define the technologists' role in the company, evaluate markets, assist in the creation of a business plan and help the company develop connections with accountants, attorneys and investors. In a typical year, the Pappajohn Center, working with IPRT, the Plant Sciences Institute, ISURF/OIPTT and other research centers, identifies approximately 25 prospective new technologies. These technologies can take six to 26 months to develop sufficiently to justify the formation of businesses. During this time the researcher receives assistance in moving the technology from the researcher's bench to the marketplace. The Pappajohn Center helps the researcher develop the model for the business and establish the network of resources necessary to implement the plan. These resources can include business assistance, students or capital. The Pappajohn Center/SBDC also continues to provide a referral network and facilitates the recruitment of students including access to internships.
- Iowa State Innovation System (ISIS): Near the time a venture is launched, facilities become an issue. ISIS, ISU's technology incubator, provides an ideal first home for companies. ISIS offers connections to the University, affordable space with reception services, office equipment (copiers, fax machines, and computers), conference rooms, and other amenities at a very reasonable rate. The Pappajohn Center, described above, provides mentoring to the companies as well as the opportunity for companies to utilize students as interns and researchers. ISIS will generally attract five new companies each year. Companies typically spend one to three years in the Incubator moving from product development to product sales. Once

sales are established, companies grow out of the Incubator. Some companies remain within the Research Park and continue to receive development assistance, while others move on to commercial space elsewhere. As companies mature, the University provides opportunities for collaboration between researchers at the University and in the companies. Students provide cost-effective labor and are potential employees. The Research Park provides expansion space, often financing the space and improvements.

- Iowa State University Research Park: The Iowa State University Research Park is a 230-acre development with nearly 325,000 square feet of building space and is located south of the Iowa State University campus. The ISU Research Park is more than just land and buildings; it is a technology community that encourages commercialization of University research.
- Center for Industrial Research and Service (CIRAS): CIRAS provides education, research, and technical assistance to Iowa industry through partnerships with Iowa's universities and community colleges, government agencies, and professional associations. Account managers throughout the state meet with clients to assess needs and provide links to resources that companies can use to increase their competitiveness. Solutions are offered through a combination of direct assistance from center staff, university faculty, partner organizations, and outside consultants. CIRAS staff have expertise in biorenewables, engineering, management practices, government procurement, productivity, and quality systems. The center is supported in part by the NIST Manufacturing Extension Partnership, the DoD Procurement Technical Assistance program, and the EDA University Center Program.
- ISU Research Foundation (ISURF) and the Office of Intellectual Property and Technology Transfer (OIPTT): ISURF owns and ISURF and OIPTT jointly manage, market and license the intellectual property for Iowa State University. ISURF/OIPTT works with faculty members in regard to the reporting and protection of innovations, including patenting inventions. It markets the innovations to find commercial partners interested in licensing. It also funds projects within the University that have potential for broadening the intellectual property protection or providing value for its commercial potential. ISURF also provides assistance to Iowa companies with SBIR (Small Business Innovation Research) and STTR (Small Business Technology Transfer) applications.
- Innovations Development Facility (IDF): This is a major activity within the Plant Sciences Institute to promote business activity in the area of plant biotechnology and economic development for the state of Iowa. IDF

encourages ISU faculty, staff, and students to commercialize their research in the plant sciences and promotes the development of start-up companies among aspiring entrepreneurs. IDF is housed in the Roy J. Carver Co-Laboratory and consists of a Co-Laboratory Business Incubator (CoBI) and a Public/Private Partnership (3P) Program. CoBI serves as an incubator facility for start-up companies associated with the Plant Sciences Institute (PSI) and the 3P Program is designed to promote collaboration between ISU and private sector entities. CoBI offers an environment to transition research from a university to a business setting. The CoBI incubator facility is a productive research location where scientists from academe and industry can work together to advance the mission of the Plant Sciences Institute and to promote economic development in Iowa.

- Extension's Community and Economic Development Program: They provide assistance in land use and community planning, community economic analysis, community design, local government management and leadership development.
- The College of Business' Business and Partnership Program: They provide expert faculty assistance to businesses wanting to streamline processes, implement best practices or move from a local or national business to a global enterprise.
- The Office of the Vice President for Research and Economic Development works closely with all of the above units in promoting the University's mission related to technology transfer and economic development.

D. Collaboration for Economic Development

Please briefly describe two or three examples of *major economic development collaborative projects* with such other entities as Regent universities, Iowa community colleges, the Iowa Department of Economic Development, Iowa Workforce Development, or other state agencies.

Major Economic Development Collaborative Projects

Grow Iowa Values Fund -- ISU has worked closely with legislators, the Iowa Department of Economic Development, the University of Iowa, the University of Northern Iowa and the Board of Regents, State of Iowa to establish the Grow Iowa Values Fund. This legislation is providing the universities and private colleges new financial resources to expand technology transfer and commercialization efforts. See more details in Section II of this report.

Battelle Initiative – ISU, the University of Iowa and the University of Northern Iowa have worked closely with the Iowa Department of Economic Development, the Board of Regents, State of Iowa; legislators and business leaders through the

Biosciences Alliance of Iowa organization to implement the Battelle initiative. Proposed projects that focus on the biosciences, information technology and advanced manufacturing are currently under review. [Andy Baumert will provide more details on this initiative.]

Kaizen Event—In late June 2006, ISU reviewed its processes related to industry contracts and post-award activities through a week-long Kaizen “Lean” event that was facilitated by business leaders from Vermeer Manufacturing and a private consultant. Others participating were representatives from the Iowa Business Council, the University of Iowa, the University of Northern Iowa and three industries in addition to Vermeer (Pioneer, Pratt-Whitney and Rockwell Collins). As a result of this event and ongoing follow-up, several improvements have been/will be made in this area that increases productivity between the university and external sponsors, thus providing better customer service and improving the bottom line. This event was so successful that it will be used in other areas at ISU. In fact, the Iowa State University Research Foundation/Office of Intellectual Property and Technology Transfer is planning such an event to be held in the next several weeks.

E. Collaboration for Economic Development

A table of the institution’s economic development projects in Iowa, including:

1. name of company, community, or other entity served;
2. city and county where this project is in place;
3. university unit that has interacted with or provided assistance to the entity served

See Excel Sheet in another attachment, as well as a Word file with codes for identification of categories and an Iowa map showing distribution of interactions. The number of FY06 interactions in the Excel Sheet totals approximately 3,200.

It should be noted that the accompanying Excel Sheet does not include any data for the Iowa Small Business Development Center due to confidentiality reasons. During FY06, that unit provided business assistance to companies, involving 2,316 clients and 17,038 counseling hours in 99 counties. They also conducted 319 training workshops in which 4,924 individuals participated.

In addition, it should be noted that many interactions in the Excel sheet represent multiple contacts with the same company or community. Some units provided multiple contacts but others did not.

ACRONYMS USED IN EXCEL SHEET:

PSI=Plant Sciences Institute
CCUR=Center for Crops Utilization Research
FSHN=Food Science and Human Nutrition
ABE=Agricultural & Biosystems Engineering

CCEE=Civil, Construction & Environmental Engineering
IPRT=Institute for Physical Research & Technology
NDE=Nondestructive Evaluation
IDRO=Institute for Design Research & Outreach
BECON=Biomass Energy Conversion Facility
CTRE=Center for Transportation Research & Education
CIRAS=Center for Industrial Research & Service
ECE= Engineering Continuing Education

Section II

GROW IOWA VALUES FUND

The Grow Iowa Values Fund program is providing research funding to work with Iowa industry to create and improve products and processes. In March 2005, five projects were funded through a competitive RFP process. In addition, a second RFP competition was held during spring 2006. Eleven projects were selected for funding and are scheduled to begin during fiscal year 2007. The following summarizes the status of the projects funded in FY06, including financial information. Due to the nature of the research, it is not anticipated that the cost share and expenditures will accumulate at the same rate. In the information below, the sources of the ISU matching funds listed are a combination of salaries, startup funds, incentive accounts and external grants. State funds directly appropriated for economic development are not used as matching funds.

▪ Retooling Ethanol Industries: Integrating Ultrasonics into Dry Corn Milling to Enhance Ethanol Yield

PI's: David Grewell, Samir Kumar Khanal and J (Hans) van Leeuwen

Companies: Midwest Grain Processors (\$10,000 match), Lincolnway Energy (\$12,000 match), Quad County Corn Processors (\$10,000 match), Branson Ultrasonics (\$55,000 match)

Award Amount: \$80,519

FY06 Expenditures: \$2,173

FY06 Cost Share Reported: \$1,021.51 (ISU)

Goal: Employ high-power ultrasonication prior to or during liquefaction in dry corn milling plants to achieve better sugar release for higher ethanol yield.

Progress Status: The research is approximately 5 months ahead of schedule. Characterizing the ultrasonic treatment of raw and cooked corn slurry in bench-scale is near completion. Variables studied included: sonication time, amplitude, temperature control, corn slurry pre-conditioning (cooked and raw) and enzyme introduction sequence. Other accomplishments included submission of a provisional patent application and four poster presentations. One journal article is currently being prepared for publication in a high impact journal. This project has received a lot of press, including both written and radio interviews.

- **Quality Assessment Tools for Colonoscopy**

PI's: Johnny Wong, Wallapak Tavanapong

Companies: Mayo Clinic (\$119,295 match) and EndoMetric

Award Amount: \$75,405

FY06 Expenditures: \$15,669

FY06 Cost Share Reported: \$79,049 (\$7,364 ISU, \$71,685 Mayo)

Goal: To create software to automate capture, analysis, and interpretation of colonoscopies

Progress Status: The researchers visited Mayo Clinic to install software for capturing and collecting colonoscopy videos on hardware in two endoscopy rooms and discuss improvement of software for annotating colonoscopy videos. They have signed the inter-institution agreement between ISU, Mayo Medical Venture (MMV), and University of Texas at Arlington (UTA). They have worked with MMV on preparing a comprehensive document detailing their inventions. The document has over 100 pages with 13 inventions. They have agreed to name their start-up company "EndoMetric, Inc" and registered the domain name www.endometric.com.

- **Enhancing the Soy Biorefinery**

PI's: Victor Lin, George Kraus, John Verkade (\$70,000 match)

Company: West Central Cooperative (\$70,000 match)

Award Amount: \$140,000

FY06 Expenditures: \$26,627

FY06 Cost Share Reported: \$10,963.81 (ISU)

Goal: To create a recyclable catalyst(s) for biodiesel production from soy and animal fat

Progress Summary: They have designed a new method for the synthesis of 100 grams of solid transesterification catalysts. The feasibility of this method was demonstrated successfully in a recent experiment. The recyclability of two different catalysts for the conversion of soybean oil to biodiesel was investigated. The results indicated that one of the two catalysts tested could be recycled and reused 20 times without losing its original reactivity. They have tested the feasibility of three different catalysts for the production of biodiesel from poultry fat. The result showed that the best catalyst for soybean oil conversion also performed the best for poultry fat in reactivity and recyclability

- **Pneumatic Continuously Variable Natural Frequency and Damping Isolator for Active Suspensions**

PI: Atul G. Kelkar (\$14,903 match)

Company: Vibroacoustics Solutions Inc. (\$61,803 match), Sears Seating, Link Manufacturing

Award Amount: \$73,919

FY06 Expenditures: \$5,958

FY06 Cost Share Reported: \$23,098.61(\$1,898.61 ISU match, \$21,200 VSI match)

Goal: Develop a commercial-scale prototype seat suspension system using a continuously variable natural frequency and damping isolator.

Progress Status: The acquisition and assembly of the electro-hydraulic shaker components is complete. An initial study has been done to optimize the CV NFD design parameters. Fabrication of the first model of CV NFD lab prototype is in progress, as is the investigation of controller designs. Finally, retrofitting of the Sears semi-active seat with CV NFD isolator is complete and performance evaluations are underway. They are in close communication with Link Manufacturing, Sioux Center, IA. Link Mfg. has provided some in-kind hardware. Sears Seating, Davenport, IA, has also sent their operator seat hardware for retrofitting.

▪ **Viral Replicon Particle Discovery Research For Development Of Improved Vaccines For Swine**

PI's: Matt Erdman and Maynard Hogberg

Company: Sirrah, Alphavax (\$239,143 match)

Award Amount: \$104,064

FY06 Expenditures: \$28,965

FY06 Cost Share Reported: \$59,215.21(\$13,084 ISU match, \$46,131 Alphavax match)

Goal: Develop animal vaccines using a new technology – Viral replicon particles

Progress Status: The core assays needed to study influenza have been developed and implemented. A source of pigs has been located in Minnesota believed to be free of influenza virus based on screening of serum for swine influenza antibodies at the ISV Veterinary Diagnostic Lab. Pigs from this source have been shipped to ISU for vaccination studies. A term sheet between Sirrah and the Iowa State University Research Foundation has been agreed upon regarding the provisional patent filed by Harris and Erdman entitled "Protective Antigenic Determinants of PRRSV".

▪ **Model-based Reasoning for Software: Advanced Algorithmic Techniques and Prototype Implementation**

PI's: Suraj Kothari and Srinivas Aluru (\$62,573 match)

Company: EnSoft (\$35,000 match)

Award Amount: \$97,573

FY06 Expenditures: \$11,025

FY06 Cost Share Reported: \$4,987.88 (ISU)

Goal: Identify the parts that are common to various software models by performing a model-based analysis, so the parts may be refactored as reusable library components, making software maintenance and evolution more manageable and efficient.

Progress Status: They are currently experimenting with a new algorithm developed by extending an earlier algorithm they had developed for a similar string problem. Instead of strings, they have labeled directed acyclic graphs, which can be viewed as strings with many branches as opposed to the usual strings that have only one branch. They have worked with EnSoft to build a converter to create suitable graphical representations of the Simulink models. These representations are necessary to test the new algorithm. In parallel, EnSoft also developed a new version of the SimDiff.

▪ **Protein Micropatterning on Microsensors to Quantify Cell Cytotoxicity of Adherent and Non-adherent Cells**

PI: Surya Mallapragada (\$1,525 match)

Company: Cellular Engineering Technologies (\$20,000 match)

Award Amount: \$21,525

FY06 Expenditures: \$6,811

FY06 Cost Share Reported: \$3,201.05 (ISU)

Goal: Optimize protein micropatterning on microsensors to measure cell toxicity

Progress Status: They have been fabricating the PDMS stamps and optimizing the micropatterning techniques to obtain controlled protein pattern formation on surfaces with good micron scale resolution. In addition, they have also been pursuing an alternative approach as well that was not originally outlined in the proposal. The recent acquisition of a chemical printer located in the Chemical and Biological Engineering department (by other groups) has opened up new venues for protein printing on surface. They have submitted a Phase I SBIR proposal to NIH based on this work.

▪ **Applied Nanotechnology for Label-Free Detection of Pathogen-Specific Nucleic Acids**

PI: Byron Brehm-Stecher (\$26,089 match)

Company: BioForce NanoSciences (\$76,000 match)

Award Amount: \$69,392

FY06 Cost Share Reported: \$1,168.65

Goal: Develop sensitive and label-free diagnostics for high-priority foodborne pathogens using atomic force microscopy

Progress Status: After interviewing several candidates, we have hired a Ph.D. student with a strong molecular background to work on this project. He will be arrived at ISU in mid-June. The first experiments underway include examining

the ability of thiolated (cysteine-labeled) peptide nucleic acid (PNA) probes to self-assemble on the surface of a gold-plated chip after spotting the PNA using a NanoArrayer to discrete ultramicrodomains.

▪ **Development of Novel Digestion-Resistant Starches from Corn to Combat Human Disease**

PI's Alan Myers & Martha James (\$99,800 match)

Company: Starch Design

Award Amount: \$78,000

FY06 Expenditures: Project not begun until FY07

FY06 Cost Share Reported: \$1,168 (ISU)

Goal: Develop digestion-resistant starches from corn to combat human diseases

Progress Status: The amylopectin structural changes have been shown to be stably heritable with normal Mendelian ratios. LCAPS was shown to be digested more slowly than normal starch in in vitro analyses using the Megazyme resistant starch analysis test kit. LCAPS is not a resistant starch - the Megazyme assay at 19 hours it is completely digested to the same extent as wild type starch. However, the LCAPS starch is digested at a slower rate over the first hour of the assay. This result is consistent with the rationale of the proposal and supports continuing on to the later project objectives. Planning is underway for human feeding trials. (Project not started until beginning of FY 2007)

Evaluation and Development of Commercialization Systems for the Center for Crops Utilization Research

PI's: Larry Johnson

Award Amount: \$40,000

FY06 Expenditures: \$13,958.70

FY06 Cost Share Reported: \$18,174 (\$6129 salary/benefits ; \$182 materials/supplies ; \$11,863 services/other)

Goal: CCUR has engaged Battelle Memorial Institute (BMI) to conduct a study of CCUR technology transfer and commercialization practices. Through this project CCUR and the College of Agriculture expect to gain insight about how best to respond to key economic development issues for Iowa.

CombiSep

Award Amount: \$75,000

FY06 Expenditures: \$25,813.21

FY06 Cost Share Reported: \$27,104.62 (salaries/benefits)

Purpose: The company will develop a new application for the instrument in agricultural markets, resulting in new sales opportunities.

Metabolic Technologies Inc.

Award Amount: \$150,000

FY06 Cost Share Reported: \$75,268.99 (\$55,252.97 salary/benefits ; \$20,016 services/other)

Purpose: The company will purchase equipment required to advance the development of purification processes.

Infiscape

Award Amount: \$100,000

FY06 Cost Share Reported: \$0

Purpose: The company will establish their first products for specific markets.

Glycon Technologies (Biova)

Award Amount: \$100,000

FY06 Cost Share Reported: \$330,370 (\$114,305 salary/benefits ; \$37,292 equipment ; \$10,628 materials/supplies ; \$168,145 services/other)

Purpose: To establish production and introduce product to the market.

Industrial Hardfacing

Award Amount: \$ 25,000

Cost Share: (\$10K cash from IH, \$15K ISU salary/benefits)

FY06 Cost Share Reported: \$10K cash received ;

Purpose: The company proposes to use \$25,000 to help fund work to be done by ISU researchers to improve production processes

CMNet

Award Amount: \$50,000

FY06 Cost Share Reported: no report received

Purpose: The company proposes to integrate their software to three leading CAD systems, opening new markets and sales.

Pappajohn Center

FY06 Award Amount: \$186,667 (ISU match \$186,667)

FY06 Expenditures: \$2,729.55

FY06 Cost Share Reported: \$0

ISU Research Park

FY06 Award Amount: \$186,667 (ISU match \$186,667)

FY06 Expenditures: \$160,920

FY06 Cost Share Reported: \$138,913.48 (services/other)

Vice President for Research and Economic Development Office**FY06 Award Amount:** \$93,333 (ISU match \$93,333)**FY06 Expenditures:** \$40,916**FY06 Cost Share Reported:** \$41,657 (\$35,657 in salary/benefits ; \$6,000 in services/other)**Institute for Physical Research and Technology****FY06 Award Amount:** \$93,333 (ISU match \$93,333)**FY06 Expenditures:** \$93,333**FY06 Cost Share Reported:****FY07 PROJECTS**

The following projects were selected for funding in FY07. These projects are in the initial start-up phase.

PI	Co-PIs	Title	Amount Requested
Mary Holz-Clause	Douglas Stokke; Daniel Burden	Corn-Biomass Composite Fuel Pellets: An Industry-University Partnership	\$49,380
Larry Johnson	Nicolas Deak	Commercializing New Fractionated Soy Proteins to Improve Human Health and Food Quality	\$167,717
Jacek Koziel		Purification & Quality Enhancement of Fuel Ethanol to Produce Alcoholic Beverages with Ozonation & Activated Carbon	\$81,848
Jay-Lin Jane	Janusz Kapusniak, Suzanne Hendrich	Development of Resistance and Low-Caloric Maltodextrins from Cornstarch	\$96,273
David Grewell	Michael Kessler and Howard VanAuken,	Ultrasonic Assisted Exfoliation of Bio-Renewable Polymer Nanocomposites with Micro-Cellular Structures	\$68,758
Samir Kumar Khanal	Buddhi Prasad Lamsal and Stephanie Jung	Ultrasonication in Soy Processing for Enhanced Protein and Sugar Yields and Subsequent Nisin Production	\$76,914
J (Hans) van Leeuwen	Samual E. Beattie and Allen H. Trenkle	Converting Low Value Thin Stillage from Dry Milling Ethanol Plans into High Value Fungal Biomass	\$82,070

Richard Larock	Aron Rutin from R3 Composites	Commercialization of a Corn/Soy Oil-Based Composite Hog Feeder	\$96,000
Vik Dalal		Collaborative Research on High Performance Stable Amorphous Silicon- Germanium Solar Cells	\$63,406
Robert Brown	Francine Battaglia, Ted Heindel	Gasification Technologies in Support of Biorefineries	\$132,274
Manjit Misra	Yuh-Yuan Shyy, Alan Gaul	Commercialization of a Continuous In-Line Flow Meter	\$73,737
			\$997,336

Iowa Companies and Communities Served by ISU During FY06

	County	City/Town	Name of Company or Community Served	Name of ISU Unit Providing Assistance	Type of Assistance (coding required)	
	Adair	Greenfield	National Catholic Rural Life Conference	Community Vitality Center	BCOM	
	Adair	Adair	The Plastic Professionals	IPRT Company Assistance-Materials	TAC	
	Adair	Adair	The Plastic Professionals	IPRT Company Assistance-Materials	TAC	
	Adair	Greenfield	Grow Iowa Foundation	College of Engineering	BCOM	
	Adair	Greenfield	Farm Bureau/Adair County Leaders Wind Conference	Iowa Energy Center	FAC	
	Adair		Gus Constructions	CTRE/Construction Mgmt. & Technology	PWD	
	Adair		Adair County	CTRE/Local Technical Assistance Program	PWD	
	Adair	Adair	Owner Revolution Inc	CIRAS	TAC	
	Adair	Adair	Owner Revolution Inc.	CIRAS - Partners	TAC	
	Adair	Greenfield	Cardinal Glass Industries Inc	CIRAS	TAC	
	Adair	Greenfield	Cardinal Glass Industries Inc	CIRAS	TAC	
	Adair	Greenfield	Cardinal Insulated Glass Co	CIRAS - Partners	TAC	
	Adair	Greenfield	Cardinal Insulated Glass Co	CIRAS - Partners	TAC	
	Adair	Adair	The Plastic Professionals	IPRT Company Assistance-NDE	TAC	
	Adair	Adair	The Plastic Professionals	IPRT Company Assistance-NDE	TAC	
	Adair	Adair	The Plastic Professionals	IPRT Company Assistance-NDE	TAC	
Adair Count		16				16
	Adams	Corning	Corning High School	Biotechnology Outreach Education Center	OCOM	
	Adams	Corning	County Master Gardeners	Landscape Architecture	OCOM	
	Adams	Corning	SW Iowa Garden/landscape enthusiasts	Landscape Architecture	TAC	
	Adams	Corning	Precision Pulley	College of Engineering	FAC	
	Adams	Corning	Brown Bear Corporation	College of Engineering	FAC	
	Adams	Corning	Adams Community Economic Development Corporation	College of Engineering	BCOM	
	Adams	Corning	Corning PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
Adams Count		7				7
	Allamakee	Postville	John R. Mott High School	Biotechnology Outreach Education Center	OCOM	
	Allamakee	Postville	Grown Locally Cooperative	Hotel, Restaurant & Inst. Management	TAC	
	Allamakee	Decorah	Northeast Iowa Food and Farming Coalition	Leopold Center for Sustainable Agriculture	BCOM	
	Allamakee	Postville	Norplex - Micarta	IPRT Company Assistance-NDE	TAC	
	Allamakee	Postville	Norplex - Micarta	IPRT Company Assistance-NDE	TAC	
	Allamakee	Lansing	Lansing Housing Products, Inc.	IPRT Company Assistance-Materials	TAC	
	Allamakee	Lansing	Council member, City of Lansing IA	Community & Regional Planning	TCOM	
	Allamakee	Waukon	City of Waukon	Landscape Architecture	TCOM	
	Allamakee	Lansing	Kerndt Brothers Savings Bank	Families Extension	PWD	
	Allamakee	Waukon	Veterans Memorial Hospital	Families Extension	OCOM	
	Allamakee	New Albin	New Albin PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Allamakee	Postville	Postville PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Allamakee		Allamakee County	CTRE/Local Technical Assistance Program	PWD	
	Allamakee	Waukon	Allamakee County Engineers Office	CTRE/Statewide Urban Design & Specs.	TAC	
	Allamakee	Postville	City of Postville	CTRE/Statewide Urban Design & Specs.	TAC	
	Allamakee	Postville	Upper Exploreland Reg. Plan. Comm.	CTRE/Statewide Urban Design & Specs.	TAC	
	Allamakee	Lansing	Lansing Housing Products, Inc.	CIRAS	BAC	
	Allamakee	New Albin	Trinity Fabricators Inc	CIRAS	BAC	
	Allamakee	Postville	Norplex Micarta	CIRAS	BAC	
	Allamakee	New Albin	Trinity Fabrications	College of Business	FAC	
Allamakee Count		20				20
	Appanoose	Centerville	Centerville High Sch.	Biotechnology Outreach Education Center	OCOM	
	Appanoose	Moulton	Moulton-Udell HS	Biotechnology Outreach Education Center	OCOM	

	Appanoose	Centerville	Davis County Extension Office	Arts & Design	TCOM	
	Appanoose	Centerville	Appanoose Economic Development Corporation	College of Engineering	BCOM	
	Appanoose	Centerville	ISU Extension Wind Energy Conference	Iowa Energy Center	FAC	
	Appanoose	Moravia	Moravia School Board	Iowa Energy Center	TCOM	
	Appanoose	Centerville	Mercy Medical Center	Families Extension	PWD	
	Appanoose	Centerville	Rainbow Chinese Restaurant	Families Extension	PWD	
	Appanoose	Centerville	Centerville PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Appanoose	Centerville	Chirton Valley Trans. Planning Commission	CTRE/Statewide Urban Design & Specs.	TAC	
	Appanoose	Centerville	Appanoose Economic Development Corp	Industry Relations	FAC	
	Appanoose	Centerville	Rubbermaid Home Products	Industry Relations	FAC	
	Appanoose		Event in Appanoose County	CIRAS	BAC	
	Appanoose		Event in Appanoose County	CIRAS	BAC	
	Appanoose	Centerville	B & K Machining	CIRAS	TAC	
	Appanoose	Centerville	C & C Machining Inc	CIRAS	BAC	
	Appanoose	Centerville	Media Tech	CIRAS	BAC	
	Appanoose	Centerville	Prairie Lands Enterprises, LC	CIRAS	BAC	
	Appanoose	Centerville	Rubbermaid Specialty Products	CIRAS - Partners	TAC	
	Appanoose	Centerville	Wells Manufacturing Corp.	CIRAS	TAC	
	Appanoose		Appanoose County public forum	Community & Regional Planning	TCOM	
	Appanoose	Centerville	Prairie Lands Enterprises LC	Office of Intellectual Property & Tech. Transf.	BAC	
Appanoose Count		22				22
	Audubon	Exira	Exira H S	Biotechnology Outreach Education Center	OCOM	
	Audubon	Audubon	National Catholic Rural Life Conference	Community Vitality Center	BCOM	
	Audubon	Greene	Coldwater Creek Watershed Project	ISU Extension	TCOM	
	Audubon	Audubon	Audubon County	CTRE/Statewide Urban Design & Specs.	TAC	
	Audubon	Audubon	City of Audubon	CTRE/Statewide Urban Design & Specs.	TAC	
	Audubon	Audubon	Fragile Transport LLC	CIRAS	BAC	
	Audubon	Audubon	Quality Machine, Inc.	CIRAS	BAC	
	Audubon	Exira	Exira Trucking Inc. - McMillen Agency	CIRAS	BAC	
Audubon Count		8				8
	Benton	Belle Plaine	Belle Plaine H S	Biotechnology Outreach Education Center	OCOM	
	Benton	Vinton	Tilford Middle School	Biotechnology Outreach Education Center	OCOM	
	Benton	Vinton	Washington HS	Biotechnology Outreach Education Center	OCOM	
	Benton	Vinton	Iowa Soy Specialties	FSHN	TAC	
	Benton	Blairstown	Vector Corportion	College of Engineering, Engr. Distance Educ.	PWD	
	Benton	Vinton	Fisher Law Firm	Office of Intellectual Property & Tech. Transf.	FAC	
	Benton	Vinton	Mayberry USA, LLC	Office of Intellectual Property & Tech. Transf.	FAC	
	Benton		Benton Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Benton		Benton County	CTRE/Local Technical Assistance Program	PWD	
	Benton		Benton County	CTRE/Local Technical Assistance Program	PWD	
	Benton	Vinton	City of Venton	CTRE/Roadway Infrastructure	TCOM	
Benton Count		11				11
	Black Hawk	Cedar Falls	Cedar Falls High School	Biotechnology Outreach Education Center	OCOM	
	Black Hawk	Cedar Falls	Stonebridge Ltd.	Office of Intellectual Property & Tech. Transf.	TT	
	Black Hawk	Cedar Falls	Cedar Falls – Evaluation Workshop	Curriculum & Instruction	PWD	
	Black Hawk	Waterloo	John Deere Dubuque Works	Center for Nondestructive Evaluation, IPRT	TAC	
	Black Hawk	Waterloo, Ankeny, etc.	Deere & Company	Virtual Reality Applications Center, IPRT	BAC, TAC, FAC, PWD	
	Black Hawk	Waterloo	Advanced Heat Treat Corporation	IPRT Company Assistance-NDE	TAC	
	Black Hawk	Waterloo	John Deere Waterloo Works	IPRT Company Assistance-NDE	TAC	
	Black Hawk	Waterloo	John Deere Waterloo Works	IPRT Company Assistance-NDE	TAC	
	Black Hawk	Waterloo	John Deere Waterloo Works	IPRT Company Assistance-NDE	TAC	
	Black Hawk	Waterloo	John Deere Waterloo Works	IPRT Company Assistance-Contract Research	TAC	
	Black Hawk	Gilbertville	City of Gilbertville	Landscape Architecture/IDRO	BCOM	
	Black Hawk	Waterloo	Black Hawk County	Landscape Architecture	OCOM	

Black Hawk	Waterloo	John Deere	College of Engineering	TAC
Black Hawk	Waterloo	Cedar Valley Corporation	College of Engineering, Engr. Distance Educ.	PWD
Black Hawk	Waterloo	John Deere	College of Engineering, Engr. Distance Educ.	PWD
Black Hawk	Cedar Falls	Iowa Farmer Union Wind Seminar	Iowa Energy Center	BAC
Black Hawk	Cedar Falls	Center for Energy and Environmental Efficiency	Iowa Energy Center - Energy Resource Station	OCOM
Black Hawk	Cedar Falls	Applebee's of Cedar Falls	Families Extension	PWD
Black Hawk	Waterloo	Black Hawk March 23, 2006- 16 attended	Families Extension	PWD
Black Hawk	Waterloo	Black Hawk June 19, 2006--- 11 attended	Families Extension	PWD
Black Hawk	Waterloo	8/1/2005 - 40 attended	Families Extension	PWD
Black Hawk	Waterloo	8/15/2005 - 17 attended- W'loo schools	Families Extension	PWD
Black Hawk	Waterloo	10/26/2005- 19 attended	Families Extension	PWD
Black Hawk	Waterloo	01/24/2006- 9 attended	Families Extension	PWD
Black Hawk	Waterloo	Bertch Cabinet Manufacturing	Human Dev. & Fam. Studies Extension	TAC
Black Hawk	Waterloo	Black Hawk County	CTRE/Bridge Engr. Center	TCOM
Black Hawk	Waterloo	Black Hawk SO	CTRE/Gov. Traffic Safety Bureau	OCOM
Black Hawk	Cedar Falls	Cedar Falls PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Black Hawk	Dunkerton	Dunkerton PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Black Hawk	Waterloo	Waterloo PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Black Hawk	Evansdale	City of Evansdale	CTRE/Local Technical Assistance Program	PWD
Black Hawk	Waterloo	Black Hawk County	CTRE/Local Technical Assistance Program	PWD
Black Hawk	Cedar Falls	City of Cedar Falls	CTRE/Local Technical Assistance Program	PWD
Black Hawk	Waterloo	Ament Engineering	CTRE/Statewide Urban Design & Specs.	TAC
Black Hawk	Cedar Falls	Cedar Falls Developmental Service	CTRE/Statewide Urban Design & Specs.	TAC
Black Hawk	Waterloo	Cedar Valley Corp	CTRE/Statewide Urban Design & Specs.	TAC
Black Hawk	Cedar Falls	City of Cedar Falls	CTRE/Statewide Urban Design & Specs.	TAC
Black Hawk	Waterloo	City of Waterloo	CTRE/Statewide Urban Design & Specs.	TAC
Black Hawk	Waterloo	Earth Tech, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Black Hawk	Waterloo	Hurst & Sons Contractors, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Black Hawk	Waterloo	IA Northland Reg. Council of Govts	CTRE/Statewide Urban Design & Specs.	TAC
Black Hawk	Waterloo	IA Northland Reg. Trans. Authority	CTRE/Statewide Urban Design & Specs.	TAC
Black Hawk	Cedar Falls	KWS Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Black Hawk	Waterloo	Wayne Claassen Engineering & Surveying, Inc	CTRE/Statewide Urban Design & Specs.	TAC
Black Hawk	Waterloo	Iowa Northland Regional Council of Governments	Industry Relations	FAC
Black Hawk	Waterloo	City of Waterloo	Industry Relations	FAC
Black Hawk	Waterloo	Event in Black Hawk County	CIRAS	TAC
Black Hawk	Cedar Falls	Hawkeye Corrugated Box Co	CIRAS - Partners	TAC
Black Hawk	Cedar Falls	Standard Golf Co	CIRAS - Partners	TAC
Black Hawk	Cedar Falls	Wayne Engineering Corp	CIRAS	BAC
Black Hawk	Cedar Falls	Wood Components & Technologies	CIRAS	TAC
Black Hawk	Waterloo	Bertch Cabinet Manufacturing	CIRAS	TAC
Black Hawk	Waterloo	John Deere - Waterloo	CIRAS - Partners	TAC
Black Hawk	Waterloo	John Deere - Waterloo	CIRAS - Partners	TAC
Black Hawk	Waterloo	John Deere - Waterloo Works - Foundry Operations	CIRAS - Partners	TAC
Black Hawk	Waterloo	John Deere Engine Works	CIRAS - Partners	TAC
Black Hawk	Waterloo	John Deere Engine Works	CIRAS - Partners	TAC
Black Hawk	Waterloo	O' Neal Steel	CIRAS - Partners	TAC
Black Hawk	Waterloo	1 unidentified company	Pappajohn Ctr. for Entrepreneurship/ISU SBDC	BAC
Black Hawk	Cedar Falls	UNI Business and Community Services	Office of Intellectual Property & Tech. Transf.	BCOM
Black Hawk Count	59			
Boone	Boone	Boone H S	Biotechnology Outreach Education Center	OCOM
Boone	Boone	Home School Group	Biotechnology Outreach Education Center	OCOM
Boone	Boone	United Community School	Biotechnology Outreach Education Center	OCOM
Boone	Boone	Science Writing Heuristic	Curriculum & Instruction	PWD

Boone	Madrid	Harkins Strategic Consulting	Innovations Development Facility - PSI	FAC
Boone	Boone	Boone	Political Science	BCOM
Boone	Boone	Boone Futures Development Corporation	Community Vitality Center	BCOM
Boone	Ogden	Ogden High School	Community Vitality Center	OCOM
Boone	Ogden	Christensen Farms	ISU Extension	TAC
Boone	Boone	Powerfilm (Iowa Thin Film Technologies)	Microelectronics Research Center, IPRT	TAC
Boone	Boone	Vibroacoustics Solutions, Inc.-Boone	IPRT Company Assistance-NDE	TAC
Boone	Boone	Nitro Ice Cream, LLC	IPRT Company Assistance-Materials	TAC
Boone	Boone	Stone Consulting	IPRT Company Assistance-Materials	TAC
Boone	Boone	Stone Consulting	IPRT Company Assistance-Materials	TAC
Boone	Boone	VibroAcoustic Solutions	IPRT Company Assistance-Contract Research	TAC
Boone	Boone	City of Boone	Landscape Architecture	BCOM
Boone	Luther	Central Iowa Garden Enthusiasts	Landscape Architecture	PWD
Boone	Madrid	High School	Community & Regional Planning	TAC
Boone	Ogden	City of Ogden	Landscape Architecture	OCOM
Boone	Boone	Vibra Acoustics Solutions, Inc.	College of Engineering	TAC
Boone	Boone	Mike Hawarden	College of Business	BCOM
Boone	Boone	Midland Bio Products	College of Business	FAC
Boone	Boone	Midland Bioproducts	Office of Intellectual Property & Tech. Transf.	BAC
Boone		10 unidentified companies	Pappajohn Ctr. for Entrepreneurship/ISU SBDC	BAC
Boone	Boone	Boone County	CTRE/Bridge Engr. Center	TCOM
Boone	Ogden	Ogden PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Boone		Boone County	CTRE/Local Technical Assistance Program	PWD
Boone	Boone	City of Boone	CTRE/Statewide Urban Design & Specs.	TAC
Boone	Boone	City of Boone Public Works	CTRE/Statewide Urban Design & Specs.	TAC
Boone	Madrid	City of Madrid	CTRE/Statewide Urban Design & Specs.	TAC
Boone	Boone	Eschliman Engineering, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Boone	Boone	Hopkins Trucking & Excavation	CTRE/Statewide Urban Design & Specs.	TAC
Boone	Boone	Jensen Builders	CTRE/Statewide Urban Design & Specs.	TAC
Boone	Boone	KRUCK P&H COMPANY, INC.	CTRE/Statewide Urban Design & Specs.	TAC
Boone	Boone	Majors Concrete Co.	CTRE/Statewide Urban Design & Specs.	TAC
Boone	Boone	Youngren Excavating Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Boone	Boone	Boone's Future	Industry Relations	FAC
Boone	Boone	Midland BioProducts Corp	Industry Relations	FAC
Boone	Boone	IMEP	Industry Relations	FAC
Boone	Boone	Gates Rubber Co	CIRAS - Partners	TAC
Boone	Boone	Specification Chemicals Inc	CIRAS	BAC

Boone Count

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Bremer	Sumner	Sumner Com. School	Biotechnology Outreach Education Center	OCOM
Bremer	Tripoli	Tripoli H S	Biotechnology Outreach Education Center	OCOM
Bremer	Plainfield	Environmental Lubricants Manufacturing, Inc.	Center for Nondestructive Evaluation, IPRT	TAC
Bremer	Waverly	United Equipment Accessories, Inc.	IPRT Company Assistance-NDE	TAC
Bremer	Waverly	United Equipment Accessories, Inc.	IPRT Company Assistance-NDE	TAC
Bremer	Waverly	United Equipment Accessories, Inc.	IPRT Company Assistance-NDE	TAC
Bremer	Plainfield	Environmental Lubricants Manufacturing, Inc.	IPRT Company Assistance-Materials	TAC
Bremer	Waverly	Rada Manufacturing Company	IPRT Company Assistance-Materials	TAC
Bremer	Readlyn	City of Readlyn	Landscape Architecture/IDRO	BCOM
Bremer	Waverly	Cedar Basin Crop Consulting	Community & Regional Planning	TAC
Bremer	Waverly	Waverly city councilman	Community & Regional Planning	TCOM
Bremer	Sumner	Northeast Security Bank	College of Engineering, Engr. Distance Educ.	PWD
Bremer	Waverly	UNI-ABIL	Office of Intellectual Property & Tech. Transf.	BCOM
Bremer	Sumner	Community Memorial Hospital	Families Extension	OCOM
Bremer	Waverly	The Larrabee Center	Families Extension	OCOM

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Bremer	Sumner	Hillcrest Home	Families Extension	OCOM
Bremer	Waverly	G & R Publishing	Families Extension	PWD
Bremer	Sumner	Sumner Community Schools	Families Extension	OCOM
Bremer	Denver	Schumacher Elevator	Families Extension	PWD
Bremer	Waverly	City of Waverly	CTRE/IA Traffic Safety Data Service	TCOM
Bremer		Bremer County	CTRE/Local Technical Assistance Program	PWD
Bremer	Waverly	City of Waverly	CTRE/Local Technical Assistance Program	PWD
Bremer	Cedar Rapids	City of Cedar Rapids	CTRE/Local Technical Assistance Program	PWD
Bremer		Bremer County	CTRE/Local Technical Assistance Program	TCOM
Bremer	Waverly	City of Waverly	CTRE/Statewide Urban Design & Specs.	TAC
Bremer	Sumner	Concrete Foundations Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Bremer	Denver	Denver Construction, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Bremer	Janesville	E.B. Spencer Engineering Co.	CTRE/Statewide Urban Design & Specs.	TAC
Bremer	Waverly	Heartland Asphalt Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Bremer	Waverly	Tiedt Nursery	CTRE/Statewide Urban Design & Specs.	TAC
Bremer	Waverly	Rada Mfg. Co.	Industry Relations	FAC
Bremer	Janesville	Ohler Machinery Co	CIRAS	BAC
Bremer	Plainfield	Environmental Lubricants Manufacturing, Inc.	CIRAS	FAC
Bremer	Waverly	G M T Corp - Waverly	CIRAS - Partners	TAC
Bremer	Waverly	GMT Corp	CIRAS	BAC
Bremer	Waverly	United Equipment Accessories	CIRAS - Partners	TAC
Bremer	Waverly	United Equipment Accessories	CIRAS	TAC

Bremer Count

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Buchanan	Independence	Independence HS	Biotechnology Outreach Education Center	OCOM
Buchanan	Winthrop	Plasma Improved Seeds	Innovations Development Facility - PSI	FAC
Buchanan	Hazelton	Daniel Beechy Farms	ISU Extension	TAC
Buchanan	Independence	James Sweeney Farms	ISU Extension	TAC
Buchanan	Independence	Iowa Corn Byproducts	College of Business	BAC
Buchanan	Independence	Kegler, Kegler & Arend	Families Extension	PWD
Buchanan	Independence	Buchanan County	CTRE/Bridge Engr. Center	TCOM
Buchanan	Independence	City of Independence	CTRE/Local Technical Assistance Program	PWD
Buchanan		Buchanan County	CTRE/Local Technical Assistance Program	PWD
Buchanan	Independence	Buchanan County Economic Development	Industry Relations	FAC
Buchanan	Independence	Geater Machining & Mfg Co	CIRAS	TAC
Buchanan	Independence	Geater Machining & Mfg Co	CIRAS	BAC
Buchanan	Independence	Independence Corn By-Products	CIRAS - Partners	BAC
Buchanan	Independence	Blount Excavating LLC	CTRE/Statewide Urban Design & Specs.	TAC

Buchanan Count

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Buena Vista	Newell	Newell Fonda School	Biotechnology Outreach Education Center	OCOM
Buena Vista	Sioux Rapids	Sioux Central High School	Biotechnology Outreach Education Center	OCOM
Buena Vista	Storm Lake	Storm Lake St. Mary's	Biotechnology Outreach Education Center	OCOM
Buena Vista	Storm Lake	Northwest Iowa Agronomy Club	ISU Research Farms	FAC
Buena Vista	Alta	BV County 4-H Building	Arts & Design	TCOM
Buena Vista	Marble Rock	Marble Rock Community Parks	Landscape Architecture	TAC
Buena Vista	Storm Lake		Arts & Design	TCOM
Buena Vista	Storm Lake	High School	Community & Regional Planning	TAC
Buena Vista	Storm Lake	Storm Lake	Arts & Design	PWD
Buena Vista	Storm Lake	Friesen USA	College of Engineering, Engr. Distance Educ.	PWD
Buena Vista	Storm Lake	Buena Vista County	CTRE/Bridge Engr. Center	TCOM
Buena Vista		Buena Vista Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM
Buena Vista	Storm Lake	Storm Lake PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Buena Vista		Buena Vista County	CTRE/Local Technical Assistance Program	PWD
Buena Vista	Newell	City of Newell	CTRE/Local Technical Assistance Program	PWD

	Buena Vista	Storm Lake	City of Storm Lake	CTRE/Statewide Urban Design & Specs.	TAC	
	Buena Vista	Storm Lake	Kuehl & Payer	CTRE/Statewide Urban Design & Specs.	TAC	
	Buena Vista	Storm Lake	Kuehl and Payer LTD	CTRE/Statewide Urban Design & Specs.	TAC	
	Buena Vista	Storm Lake	Raccoon Valley Biodiesel LLC	CIRAS	BAC	
	Buena Vista	Storm Lake	Sara Lee - Storm Lake	CIRAS - Partners	TAC	
Buena Vista Count		20				20
	Butler	Parkerburg	Aplington-Parkersburg H S	Biotechnology Outreach Education Center	OCOM	
	Butler	Greene	North Butler High School	Community Vitality Center	OCOM	
	Butler	Ames	Iowa Cattlemen's Association	Iowa Beef Center	TAC	
	Butler	Shell Rock	Butler New Farms Project	ISU Extension	FAC	
	Butler	Shell Rock	Miller Farms	ISU Extension	TAC	
	Butler	Aplington	City of Aplington	Landscape Architecture/IDRO	BCOM	
	Butler	Greene	City of Greene	Landscape Architecture	OCOM	
	Butler	Dumont	Dumont Telephone	Families Extension	PWD	
	Butler	Allison	Butler County Engineer	CTRE/Statewide Urban Design & Specs.	TAC	
	Butler	Aplington	Aplington Economic Development	Industry Relations	FAC	
	Butler	Shell Rock	Unverferth Manufacturing Co	CIRAS - Partners	TAC	
Butler Count		11				11
	Calhoun	Manson	Manson Northwest Webster	Biotechnology Outreach Education Center	OCOM	
	Calhoun	Farnhamville	FC Cooperative	Iowa Grain Quality Initiative	TAC	
	Calhoun		1 unidentified company	Pappajohn Ctr. for Entrepreneurship/ISU SBDC	BAC	
	Calhoun	Rockwell City	Taco John's	Families Extension	PWD	
	Calhoun		Calhoun Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Calhoun	Manson	Manson PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Calhoun		Calhoun County	CTRE/Local Technical Assistance Program	PWD	
	Calhoun	Manson	City of Manson	CTRE/Local Technical Assistance Program	TCOM	
Calhoun Count		8				8
	Carroll	Carroll	Carroll High School	Biotechnology Outreach Education Center	OCOM	
	Carroll	Coon Rapids	Coon Rapids Bayard Jr Sr. H	Biotechnology Outreach Education Center	OCOM	
	Carroll	Manning	Manning High School	Biotechnology Outreach Education Center	OCOM	
	Carroll	Ralston	West Central Cooperative - Adhesives Group	CCUR & FSHN	TT	
	Carroll	Ralston	West Central Cooperative - Renewable Energy Group	CCUR & Economics	BAC	
	Carroll	Ralston	West Central Cooperative	CCUR & FSHN	TAC	
	Carroll	Ralston	West Central Cooperative - Renewable Energy Group	CCUR & Economics	BAC	
	Carroll	Ellsworth	SafeSoy LLC	CCUR	TT	
	Carroll	Ralston	West Central Cooperative	CCUR & FSHN	TAC	
	Carroll	Ralston	West Central Cooperative	FSHN	TAC	
	Carroll	Carroll	Graddy's Tomatoes	FSHN	TAC	
	Carroll	Carroll	Argen	Center for Survey Statistics & Methodology	TAC	
	Carroll	Carroll	Carroll Area Development Corporation	Community Vitality Center	BCOM	
	Carroll	Carroll	Carroll County Agricultural Extension District	Community Vitality Center	BCOM	
	Carroll	Carroll	Carroll Kuemper High School	Community Vitality Center	OCOM	
	Carroll	Ames	Iowa Community Philanthropy Academy	Community Vitality Center	TCOM	
	Carroll	Carroll	Carroll County Beef Producers	ISU Extension	TAC	
	Carroll	Ralston	West Central Cooperative	Center for Catalysis, IPRT	TAC, TT	
	Carroll	Ralston	West Central Cooperative	IPRT Company Assistance-NDE	TAC	
	Carroll	Carroll	Iowa Screw Machine Products, Inc.	IPRT Company Assistance-Materials	TAC	
	Carroll	Coon Rapids	City of Coon Rapids	Landscape Architecture	OCOM	
	Carroll	Carroll	West Central Cooperative	College of Engineering	TAC	
	Carroll	Ralston	West Central Cooperative	College of Engineering, Engr. Distance Educ.	PWD	
	Carroll	Ralston	West Central Coop	ISU Research Foundation	TT	
	Carroll	Ralston	West Central Coop	ISU Research Foundation	TT	
	Carroll	Carroll	St. Anthony's Hospital	Families Extension	PWD	

	Carroll	Carroll	Swan House	Families Extension	PWD
	Carroll	Carroll	Hyponic Farms	Families Extension	TAC
	Carroll	Carroll	Disability Program Navigators	Human Dev. & Fam. Studies Extension	PWD
	Carroll	Carroll	Carroll County	CTRE/Bridge Engr. Center	TCOM
	Carroll		Carroll Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM
	Carroll	Carroll	Carroll PD	CTRE/Gov. Traffic Safety Bureau	OCOM
	Carroll	Manning	Manning PD	CTRE/Gov. Traffic Safety Bureau	OCOM
	Carroll	Carroll	City of Carroll	CTRE/Local Technical Assistance Program	PWD
	Carroll		Carroll County	CTRE/Local Technical Assistance Program	PWD
	Carroll	Manning	City of Manning	CTRE/Roadway Infrastructure	TCOM
	Carroll	Carroll	Badding Construction Company	CTRE/Statewide Urban Design & Specs.	TAC
	Carroll	Carroll	City of Carroll	CTRE/Statewide Urban Design & Specs.	TAC
	Carroll	Carroll	General Excavating, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
	Carroll	Carroll	JEO Consulting Group Inc.	CTRE/Statewide Urban Design & Specs.	TAC
	Carroll	Carroll	Regional XII Council of Governments	CTRE/Statewide Urban Design & Specs.	TAC
	Carroll	Carroll	Warnke Construction Co, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
	Carroll	Manning	Veterinary Associates of Manning	Industry Relations	FAC
	Carroll	Manning	Struve Labs	Industry Relations	FAC
	Carroll	Carroll	Pella Corp - Carroll	CIRAS - Partners	TAC
	Carroll	Ralston	West Central Cooperative	CIRAS	TAC
	Carroll	Ralston	West Central Cooperative	CIRAS	TAC
	Carroll	Ralston	West Central Cooperative	CIRAS	TAC
Carroll Count		48			48
	Cass	Atlantic	Atlantic Schools	Biotechnology Outreach Education Center	OCOM
	Cass	Anita	Science Writing Heuristic	Curriculum & Instruction	PWD
	Cass	Lewis	Area fruit/vegetable growers	Entomology	FAC
	Cass	Atlantic	Grow Iowa Foundation	Community Vitality Center	BCOM
	Cass	Atlantic	Global Horizons	College of Engineering	FAC
	Cass	Atlantic	Cass/Atlantic Development Corporation	College of Engineering	BCOM
	Cass	Atlantic	Southwest Iowa Planning Commission	College of Engineering	BCOM
	Cass	Griswold	City of Griswold	College of Engineering	BCOM
	Cass	Atlantic	Atlantic High School	Iowa Energy Center - Energy Resource Station	OCOM
	Cass	Anita	Anita Foundation	Iowa Energy Center - Energy Resource Station	TAC
	Cass	Atlantic	Cass County	CTRE/Bridge Engr. Center	TAC
	Cass		Cass Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM
	Cass		Cass County	CTRE/Local Technical Assistance Program	PWD
	Cass		Cass County	CTRE/Local Technical Assistance Program	PWD
	Cass	Atlantic	Cass County	CTRE/Statewide Urban Design & Specs.	TAC
	Cass	Atlantic	Iowa DOT	CTRE/Statewide Urban Design & Specs.	TAC
	Cass	Atlantic	Snyder & Associates, Inc..	CTRE/Statewide Urban Design & Specs.	TAC
	Cass	Atlantic	Southwest Iowa Planning Commission	CTRE/Statewide Urban Design & Specs.	TAC
	Cass	Atlantic	USDA Rural Development	Industry Relations	FAC
	Cass	Lewis	BIOWA Development Association	CIRAS	FAC
	Cass		Harrisdale Rural Learning Center	Arts & Design	TCOM
Cass Count		21			21
	Cedar	Durant	Durant High School	Biotechnology Outreach Education Center	OCOM
	Cedar	Wilton	Gerdau Ameristeel	IPRT Company Assistance-Materials	TAC
	Cedar		Cedar Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM
	Cedar	West Branch	West Branch PD	CTRE/Gov. Traffic Safety Bureau	OCOM
	Cedar		Cedar Co Sec Roads	CTRE/Local Technical Assistance Program	PWD
Cedar Count		5			5
	Cerro Gordo	Clear Lake	AEA 267 Clear Lake	Biotechnology Outreach Education Center	OCOM
	Cerro Gordo	Mason City	Innovite Growers	FSHN	TAC

Cerro Gordo	Swaledale	Jeff Moellers Farm	ISU Extension	TAC
Cerro Gordo	Mason City	Metalcraft, Inc.	Center for Nondestructive Evaluation, IPRT	TAC
Cerro Gordo	Mason City	Curries Company	IPRT Company Assistance-Materials	TAC
Cerro Gordo	Mason City	Metalcraft, Inc.	IPRT Company Assistance-Contract Research	TAC
Cerro Gordo	Mason City	Metalcraft, Inc.	IPRT Company Assistance-Contract Research	TAC
Cerro Gordo	Clear Lake	TeamQuest	College of Engineering, Engr. Distance Educ.	PWD
Cerro Gordo	Mason City	North Iowa Community College	Iowa Energy Center - Energy Resource Station	OCOM
Cerro Gordo		1 unidentified company	Pappajohn Ctr. for Entrepreneurship/ISU SBDC	BAC
Cerro Gordo	Rockwell	Rockwell Community	Families Extension	OCOM
Cerro Gordo	Mason City	Community National Bank	Families Extension	OCOM
Cerro Gordo	Mason City	Applebee's of Mason City	Families Extension	PWD
Cerro Gordo	Clear Lake	TeamQuest	Families Extension	PWD
Cerro Gordo	Mason City	Hertz Farm Management	Families Extension	PWD
Cerro Gordo	Clear Lake	Clear Lake Bank & Trust	Families Extension	PWD
Cerro Gordo	Mason City	Larson Printing	Families Extension	PWD
Cerro Gordo	Clear Lake	Clear Lake Specialty Products	Families Extension	TAC
Cerro Gordo	Mason City	Cerro Gordo County	CTRE/Bridge Engr. Center	TCOM
Cerro Gordo	Mason City	WHKS	CTRE/Bridge Engr. Center	TAC
Cerro Gordo	Mason City	Andrews Prestressed Concrete	CTRE/Bridge Engr. Center	TAC
Cerro Gordo		Cerro Gordo Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM
Cerro Gordo	Clear Lake	Clear Lake PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Cerro Gordo	Mason City	Mason City PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Cerro Gordo		Cerro Gordo County	CTRE/IA Traffic Safety Data Service	TCOM
Cerro Gordo	Mason City	Iowa State Highway Patrol - District 8	CTRE/IA Traffic Safety Data Service	OCOM
Cerro Gordo		Cerro Gordo County	CTRE/Local Technical Assistance Program	PWD
Cerro Gordo	Clear Lake	City of Clear Lake	CTRE/Local Technical Assistance Program	PWD
Cerro Gordo	Mason City	Cerro Gordo County	CTRE/Statewide Urban Design & Specs.	TAC
Cerro Gordo	Mason City	Cerro Gordo County Engineers	CTRE/Statewide Urban Design & Specs.	TAC
Cerro Gordo	Clear Lake	City of Clear Lake	CTRE/Statewide Urban Design & Specs.	TAC
Cerro Gordo	Mason City	City of Mason City	CTRE/Statewide Urban Design & Specs.	TAC
Cerro Gordo	Mason City	Iowa DOT	CTRE/Statewide Urban Design & Specs.	TAC
Cerro Gordo	Mason City	Iowa DOT District 2	CTRE/Statewide Urban Design & Specs.	TAC
Cerro Gordo	Mason City	North IA Area Council of Govts	CTRE/Statewide Urban Design & Specs.	TAC
Cerro Gordo	Mason City	WHKS & Co.	CTRE/Statewide Urban Design & Specs.	TAC
Cerro Gordo	Mason City	Yaggy Colby Associates	CTRE/Statewide Urban Design & Specs.	TAC
Cerro Gordo	Clear Lake	TeamQuest Corporation	Industry Relations	PWD
Cerro Gordo	Mason City	North Iowa Area Community College - JPEC	Industry Relations	FAC
Cerro Gordo	Clear Lake	Dean Snyder Construction	Industry Relations	FAC
Cerro Gordo		Event in Cerro Gordo County	CIRAS	TAC
Cerro Gordo	Clear Lake	Clear Lake Specialty Products	CIRAS	TAC
Cerro Gordo	Mason City	ConAgra Foods Inc	CIRAS	TAC
Cerro Gordo	Mason City	Graham Manufacturing Corp	CIRAS	TAC
Cerro Gordo	Mason City	Metalcraft Inc	CIRAS - Partners	TAC
Cerro Gordo	Mason City	NIACC John Pappajohn Entrepreneurial Center	Office of Intellectual Property & Tech. Transf.	BCOM
Cerro Gordo Count	46			
Cherokee	Cherokee	Cherokee Middle Sch.	Biotechnology Outreach Education Center	OCOM
Cherokee	Marcus	Sand Seed Service Farms	Office of Intellectual Property & Tech. Transf.	TT
Cherokee	Marcus	Thomas Bindner	Office of Intellectual Property & Tech. Transf.	TT
Cherokee	Cherokee	Cherokee County Farm Bureau	ISU Research Farms	FAC
Cherokee	Aurelia	Sleezer Stock	ISU Extension	BAC
Cherokee	Cherokee	Niman Ranch	ISU Extension	BAC
Cherokee	Cherokee	Northwest Iowa Flax Growers	Value Added Agriculture Program	TAC
Cherokee	Cherokee	BoA member	Community & Regional Planning	TCOM(2)

	Cherokee	Aurelia	Natural Farrowing System, LLC	Office of Intellectual Property & Tech. Transf.	BAC	
	Cherokee	Cherokee	Farm Bureau/USDA/John Deere wind energy seminar	Iowa Energy Center	FAC	
	Cherokee	Cherokee	Tyson Retail Deli	Families Extension	PWD	
	Cherokee	Marcus	Marcus-Meridan-Cleghorn Comm School	Families Extension	PWD	
	Cherokee	Marcus	community of Marcus	Families Extension	PWD	
	Cherokee	Cherokee	Cherokee County	CTRE/Bridge Engr. Center	TCOM	
	Cherokee	Cherokee	Cherokee PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Cherokee		Cherokee County	CTRE/Local Technical Assistance Program	PWD	
	Cherokee		Cherokee County	CTRE/Local Technical Assistance Program	PWD	
	Cherokee		Cherokee County	CTRE/Local Technical Assistance Program	PWD	
	Cherokee	Cherokee	City of Cherokee	CTRE/Statewide Urban Design & Specs.	TAC	
	Cherokee	Cherokee	L & H ENGINEERS	CTRE/Statewide Urban Design & Specs.	TAC	
	Cherokee	Cherokee	Lundell Construction	CTRE/Statewide Urban Design & Specs.	TAC	
	Cherokee		Event in Cherokee County	CIRAS	BAC	
	Cherokee		Event in Cherokee County	CIRAS	BAC	
	Cherokee		Event in Cherokee County	CIRAS	BAC	
	Cherokee	Cherokee	Event in Cherokee County	CIRAS - Partners	BAC	
	Cherokee	Marcus	Sand Seed Service Inc	CIRAS	TAC	
	Cherokee	Quimby	Simonsen Industries, Inc.	CIRAS	TAC	
	Cherokee	Quimby	Simonsen Mfg. Co.	CIRAS - Partners	BAC	
Cherokee Count		28				28
	Chickasaw	New Hampton	TriMark Corporation	IPRT Company Assistance-NDE	TAC	
	Chickasaw	New Hampton	TriMark Corporation	IPRT Company Assistance-NDE	TAC	
	Chickasaw	Elma	Kolbassa Meats	Families Extension	TAC	
	Chickasaw		Concrete Foundations	CTRE/Construction Mgmt. & Technology	PWD	
	Chickasaw		Chickasaw Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Chickasaw	Nashua	Nashua PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Chickasaw		Chickasaw County	CTRE/Local Technical Assistance Program	PWD	
	Chickasaw	Fredericksburg	Speicher Excavating, Inc.	CTRE/Statewide Urban Design & Specs.	TAC	
	Chickasaw	Fredericksburg	RC Manufacturing	CIRAS	BAC	
	Chickasaw	New Hampton	LA Engineering	CIRAS	BAC	
Chickasaw Count		10				10
	Clarke	Osceola	Osceola Drug	Textiles & Clothing	BAC	
	Clarke	Osceola	Hart's Fashion and Bridal	Textiles & Clothing	BAC	
	Clarke	Osceola	Shoes N Shirts	Textiles & Clothing	BAC	
	Clarke	Osceola	White's Woodworking Art Gallery	Textiles & Clothing	BAC	
	Clarke	Osceola	Clarke County Economic Development Corporation	College of Engineering	BCOM	
	Clarke		Clarke Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM	
Clarke Count		6				6
	Clay	Dickens	De Jong Brothers	Office of Intellectual Property & Tech. Transf.	TT	
	Clay	Spencer	Monsanto	Agronomy	PWD	
	Clay	Spencer	Northwest Iowa Weed Commissioners	ISU Research Farms	FAC	
	Clay	Spencer	Spencer High School	Arts & Design	TCOM	
	Clay	Spencer	Northwest Iowa SBDC	Office of Intellectual Property & Tech. Transf.	BCOM	
	Clay	Spencer	Iowa Farmer Union Wind Seminar	Iowa Energy Center	BAC	
	Clay	Spencer	Clay County Fair	Iowa Energy Center - BECON	FAC	
	Clay	Spencer	City of Spencer	Families Extension	PWD	
	Clay	Spencer	Eaton Corporation	Families Extension	PWD	
	Clay	Spencer	KICD/CD 107.7 Radio Station	Families Extension	PWD	
	Clay	Spencer	NW Aging Association	Families Extension	PWD	
	Clay	Spencer	Sunset Retirement Community	Human Dev. & Fam. Studies Extension	TAC	
	Clay		Clay Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Clay	Spencer	Spencer PD	CTRE/Gov. Traffic Safety Bureau	OCOM	

	Clay	Spencer	Northwest Aging Association	CTRE/IA Traffic Safety Data Service	OCOM	
	Clay	Spencer	City of Spencer	CTRE/Local Technical Assistance Program	PWD	
	Clay	Spencer	City of Spencer	CTRE/Statewide Urban Design & Specs.	TAC	
	Clay	Spencer	General Traffic Controls	CTRE/Statewide Urban Design & Specs.	TAC	
	Clay	Spencer	NW IA Plan. & Development Comm.	CTRE/Statewide Urban Design & Specs.	TAC	
	Clay	Spencer	Rohlin Construction Co., Inc.	CTRE/Statewide Urban Design & Specs.	TAC	
	Clay	Spencer	Eaton Corporation - Spencer	CIRAS	TAC	
	Clay		Clay County 4-H	Arts & Design	TCOM	
Clay Count		22				22
	Clayton	Garnavillo	Science Writing Heuristic	Curriculum & Instruction	PWD	
	Clayton	Elkader	Keystone AEA	Curriculum & Instruction	PWD	
	Clayton	Elkader	Kevin Bergan Farms	ISU Extension	TAC	
	Clayton	Postville	Bill Croatt Farm	ISU Extension	TAC	
	Clayton	Elkader	Motor Mill Foundation	IPRT Company Assistance-Materials	TAC	
	Clayton		Clayton Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Clayton	Elkader	Elkader PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Clayton	Guttenberg	Guttenberg PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Clayton	McGregor	MAR-MAC PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Clayton	Monona	Monona PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Clayton		Clayton County	CTRE/Local Technical Assistance Program	PWD	
	Clayton	Monona	Techspace, Inc.	Industry Relations	FAC	
	Clayton	Elkader	E-Ject Systems, LC	CIRAS	TAC	
	Clayton	Guttenberg	Kann Manufacturing Corp	CIRAS	BAC	
	Clayton	Monona	M's Machine & Manufacturing Co	CIRAS - Partners	TAC	
Clayton Count		15				15
	Clinton	Clinton	ADM	ISU Research Foundation	TT	
	Clinton	Welton	Eastern Iowa Hay Producers	ISU Extension	FAC	
	Clinton	Clinton	Collis, Inc.	Center for Nondestructive Evaluation, IPRT	TAC	
	Clinton	Clinton	Clinton Police Department	Midwest Forensics Resource Center, IPRT	OCOM, PWD	
	Clinton	Clinton	City of Clinton	Landscape Architecture	BCOM, OCOM	
	Clinton	Clinton	Clinton Area Development Corp	Office of Intellectual Property & Tech. Transf.	FAC	
	Clinton	Clinton	Applebee's	Families Extension	PWD	
	Clinton	Camanche	Camanche PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Clinton		Clinton Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Clinton	Clinton	Clinton PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Clinton	De Witt	De Witt PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Clinton	Clinton	Clinton County	CTRE/Local Technical Assistance Program	PWD	
	Clinton	Clinton	City of Clinton Public Works Dept.	CTRE/Statewide Urban Design & Specs.	TAC	
	Clinton	Dewitt	Quality Control Management-Wendling Quarry	CTRE/Statewide Urban Design & Specs.	TAC	
	Clinton	Camanche	Stampede Products	CIRAS	TAC	
	Clinton	Camanche	Stampede Products	CIRAS - Partners	TAC	
	Clinton	Camanche	Stampede Products	CIRAS - Partners	TAC	
	Clinton	Camanche	Stampede Products	CIRAS - Partners	TAC	
	Clinton	De Witt	J R B Co Inc	CIRAS - Partners	TAC	
	Clinton	De Witt	J R B Co Inc	CIRAS - Partners	TAC	
	Clinton	De Witt	J R B Co Inc	CIRAS - Partners	TAC	
	Clinton	De Witt	J R B Co Inc	CIRAS - Partners	TAC	
Clinton Count		22				22
	Crawford	Denison	Crawford County Development Council	Community Vitality Center	BCOM	
	Crawford	Denison	Crawford County Beef Producers	ISU Extension	TAC	
	Crawford	Westside	Hugg Transport	IPRT Company Assistance-Materials	TAC	
	Crawford	Manning	Community Entrepreneurship Academy	Iowa Energy Center	FAC	
	Crawford	Denison	Denison PD	CTRE/Gov. Traffic Safety Bureau	OCOM	

Crawford		Crawford County	CTRE/Local Technical Assistance Program	PWD
Crawford		Crawford County	CTRE/Local Technical Assistance Program	TCOM
Crawford	Denison	Ten Point Construction Co., Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Crawford	Denison	Professional Computer Systems, Co.	Industry Relations	PWD
Crawford	Denison	Denison Engineering Corp	CIRAS	TAC
Crawford	Denison	Petersen Manufacturing Co	CIRAS	TAC
Crawford	Denison	Skinney's Food Solutions	CIRAS - Partners	TAC
Crawford	Denison	Skinney's Food Solutions	CIRAS	TAC

Crawford Count

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Dallas	Adel	ADM High school	Biotechnology Outreach Education Center	OCOM
Dallas	Grimes	Dallas Center Grimes Sch.	Biotechnology Outreach Education Center	OCOM
Dallas	Perry	Perry High School	Biotechnology Outreach Education Center	OCOM
Dallas	Woodward	Woodward-Granger HS	Biotechnology Outreach Education Center	OCOM
Dallas	Adel	Midwest Oilseeds, Inc.	Office of Intellectual Property & Tech. Transf.	TT
Dallas	Woodward Granger	Science Writing Heuristic	Curriculum & Instruction	PWD
Dallas	Dallas Center	Dupont/Pioneer	Agronomy	PWD
Dallas	Perry	Northern Raccoon Watershed Association	North Central Regional Ctr. for Rural Dev.	TCOM
Dallas	Adel	National Catholic Rural Life Conference	Community Vitality Center	BCOM
Dallas	West Des Moines	Goodrich/Delavan Turbine Fuel Technologies	IPRT Company Assistance-Materials	TAC
Dallas	West Des Moines	Ten Square Global, Inc.	IPRT Company Assistance-Materials	TAC
Dallas	Perry	Wiese Corp.	IPRT Company Assistance-Materials	TAC
Dallas	Perry	Central Iowa Foot Clinics PC	IPRT Company Assistance-Contract Research	TAC
Dallas	Urbandale	Iowa Egg Council	IPRT Company Assistance-Contract Research	TAC
Dallas	Adel	mcase	Landscape Architecture	BAC
Dallas	DeSoto	city of DeSoto	Community & Regional Planning, Landscape Architec	TCOM(2), BCOM
Dallas	Granger	City of Granger	Landscape Architecture	FAC
Dallas	Perry	Perry Citizens, mayor and DNR representative	Landscape Architecture, Community & Regional Plan	BCOM
Dallas	Van Meter	City Manager	Community & Regional Planning	TAC
Dallas	Waukee	Waukee city council member	Community & Regional Planning	TCOM
Dallas	Woodward	City of Woodward	Landscape Architecture/IDRO	BCOM
Dallas	West Des Moines	Hy-Vee	College of Business	BAC
Dallas	West Des Moines	Lambert Companies	College of Business	FAC
Dallas	Urbandale	Evergreen Learning	College of Business	FAC
Dallas	Perry	City of Perry/Tyson/Downtown business	Families Extension	PWD
Dallas	Perry	Hometown Perry Iowa	Families Extension	BAC
Dallas	West Des Moines	Bravo Cucina Italiano	Families Extension	PWD
Dallas	West Des Moines	Fleming's Steakhouse	Families Extension	PWD
Dallas	West Des Moines	Fuddrucker's	Families Extension	PWD
Dallas	Adel	West Central Mental Health Center	Families Extension	PWD
Dallas	West Des Moines	West Des Moines Mariott	Families Extension	PWD
Dallas	Woodward	Woodward Resource Center	Families Extension	PWD
Dallas		Dallas Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM
Dallas		Dallas County Sheriff	CTRE/IA Traffic Safety Data Service	OCOM
Dallas	Waukee	City of Waukee	CTRE/Local Technical Assistance Program	PWD
Dallas	Adel	Dallas County	CTRE/Roadway Infrastructure	TCOM
Dallas	Waukee	A.J. Garrett & Assoc..	CTRE/Statewide Urban Design & Specs.	TAC
Dallas	De Soto	City of De Soto	CTRE/Statewide Urban Design & Specs.	TAC
Dallas	Dexter	City of Dexter	CTRE/Statewide Urban Design & Specs.	TAC
Dallas	Perry	City of Perry	CTRE/Statewide Urban Design & Specs.	TAC
Dallas	Waukee	City of Waukee	CTRE/Statewide Urban Design & Specs.	TAC
Dallas	Adel	Dallas County	CTRE/Statewide Urban Design & Specs.	TAC
Dallas	Adel	Lenhart Plumbing	CTRE/Statewide Urban Design & Specs.	TAC
Dallas	Clive	Fisher Scientific	Industry Relations	FAC

	Dallas	Adel	Iowa Spring Manufacturing Inc	CIRAS	TAC	
	Dallas	De Soto	CNC Concepts	CIRAS	TAC	
	Dallas	Perry	Blue Spruce Machine	CIRAS - Partners	TAC	
	Dallas	Grimes	Gillotti Companies	IPRT Company Assistance-NDE	TAC	
	Dallas	West Des Moines	Magnafilter	IPRT Company Assistance-Materials	TAC	
Dallas Count		49				49
	Davis	Bloomfield	Davis County Schools	Biotechnology Outreach Education Center	OCOM	
	Davis	Bloomfield	Tim Hale	Office of Intellectual Property & Tech. Transf.	TT	
	Davis	Bloomfield	City of Bloomfield	Landscape Architecture/IDRO	BCOM	
	Davis		Davis Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Davis		Davis County	CTRE/Local Technical Assistance Program	PWD	
	Davis	Bloomfield	Davis County	CTRE/Statewide Urban Design & Specs.	TAC	
	Davis		Davis County Extension Office	Arts & Design	TCOM	
Davis Count		7				7
	Decatur		Decatur County	CTRE/Local Technical Assistance Program	PWD	
	Decatur	Lamoni	Lamoni Schools	Biotechnology Outreach Education Center	OCOM	
	Decatur	Lamoni	Industrial Hardfacing, Inc.	IPRT Company Assistance-NDE	TAC	
	Decatur	Lamoni	Industrial Hardfacing	IPRT Company Assistance-Contract Research	TAC	
	Decatur	Lamoni	Industrial Hardfacing, Inc.	College of Engineering	TAC	
	Decatur	Lamoni	Decatur County Development Corporation	College of Engineering	BCOM	
	Decatur	Lamoni	Lamoni Schools	Iowa Energy Center - BECON	FAC	
	Decatur		Event in Decatur County	CIRAS	BAC	
	Decatur		Event in Decatur County	CIRAS	BAC	
	Decatur	Lamoni	A-Z Manufacturing & Sales Co	CIRAS	BAC	
	Decatur	Lamoni	Industrial Hardfacing Inc	CIRAS	TAC	
Decatur Count		11				11
	Delaware	Edgewood	Edgewood-Colesburg HS	Biotechnology Outreach Education Center	OCOM	
	Delaware	Ryan	Richard Glynn	Office of Intellectual Property & Tech. Transf.	TT	
	Delaware	Manchester	Lance Kirby Farms	ISU Extension	TAC	
	Delaware	Hopkinton	Tom McDonald Farms	ISU Extension	TAC	
	Delaware	Ryan	Dan Gudenkauf Farm	ISU Extension	TAC	
	Delaware	Ryan	Dan Zumbach Farm	ISU Extension	TAC	
	Delaware	Earlville	EIP Manufacturing	Center for Nondestructive Evaluation, IPRT	TAC	
	Delaware	Earlville	EIP Manufacturing	IPRT Company Assistance-Materials	TAC	
	Delaware	Manchester	City of Manchester	Landscape Architecture	OCOM	
	Delaware	Manchester	Renewable Energy Conference	Iowa Energy Center	FAC	
	Delaware	Manchester	Burger King	Families Extension	PWD	
	Delaware	Manchester	Delaware- May 23, 2006----- 12 attended	Families Extension	PWD	
	Delaware	Delaware	Delaware County	CTRE/Bridge Engr. Center	TCOM	
	Delaware		Delaware Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Delaware	Manchester	Manchester PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Delaware	Manchester	City of Manchester	CTRE/Statewide Urban Design & Specs.	TAC	
	Delaware	Delaware	Delaware County	CTRE/Statewide Urban Design & Specs.	TAC	
	Delaware	Manchester	Gibbs Engineering and Surveying	CTRE/Statewide Urban Design & Specs.	TAC	
	Delaware	Manchester	TeKippe Engineering, P.C.	CTRE/Statewide Urban Design & Specs.	TAC	
	Delaware	Delhi	Bradco McMillen & The Major	CIRAS - Partners	TAC	
	Delaware	Delhi	Bradco McMillen & The Major	CIRAS - Partners	TAC	
	Delaware	Delhi	Bradco McMillen & The Major	CIRAS - Partners	TAC	
	Delaware	Earlville	E I P Manufacturing Inc	CIRAS - Partners	TAC	
	Delaware	Manchester	Henderson Manufacturing	CIRAS - Partners	TAC	
	Delaware	Manchester	Henderson Manufacturing	CIRAS - Partners	TAC	
	Delaware	New Hampton	Progress Castings Inc.	CIRAS - Partners	TAC	
	Delaware		Delaware County	CTRE/Local Technical Assistance Program	PWD	

Delaware Count

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Des Moines		Burlington Community Schools	Families Extension	PWD
Des Moines	Burlington	Burlington H S	Biotechnology Outreach Education Center	OCOM
Des Moines	West Burlington	SE Community College	Biotechnology Outreach Education Center	OCOM
Des Moines	Burlington	Winegard	Virtual Reality Applications Center, IPRT	TAC
Des Moines	Burlington	Cessford Construction Company	IPRT Company Assistance-Materials	TAC
Des Moines	Burlington	Cessford Construction Company	IPRT Company Assistance-Materials	TAC
Des Moines		New Community Dev. Director	Community & Regional Planning	TCOM
Des Moines	Burlington	Flint Hills Manufacturing	College of Engineering	FAC
Des Moines	Burlington	Winegard Corporation	College of Engineering, Engr. Distance Educ.	PWD
Des Moines	Burlington	Serv safe classes - total of 26	Families Extension	PWD
Des Moines		Des Moines County Health Dept	Families Extension	PWD
Des Moines		Des Moines County Economic Development	Families Extension	PWD
Des Moines		Des Moines County Promise Jobs/IWD	Families Extension	PWD
Des Moines	Burlington	Burlington PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Des Moines	Danville	Danville PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Des Moines		Des Moines Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM
Des Moines	West Burlington	West Burlington PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Des Moines		Des Moines County	CTRE/Local Technical Assistance Program	PWD
Des Moines		Des Moines County	CTRE/Local Technical Assistance Program	PWD
Des Moines	Burlington	City of Burlington	CTRE/Statewide Urban Design & Specs.	TAC
Des Moines	Burlington	First Construction Group, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Des Moines	Burlington	M.J. Daly Construction Co, Inc	CTRE/Statewide Urban Design & Specs.	TAC
Des Moines	Burlington	SE IA Regional Planning Commission	CTRE/Statewide Urban Design & Specs.	TAC
Des Moines	Burlington	Shipleigh Contracting Corp	CTRE/Statewide Urban Design & Specs.	TAC
Des Moines	Burlington	Wunderlich Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Des Moines	Burlington	Grow Greater Burlington	Industry Relations	FAC
Des Moines	Burlington	Event in Des Moines County	CIRAS - Partners	TAC
Des Moines	Burlington	Event in Des Moines County	CIRAS - Partners	TAC
Des Moines	Burlington	Event in Des Moines County	CIRAS - Partners	TAC
Des Moines	Burlington	Event in Des Moines County	CIRAS - Partners	TAC
Des Moines	Burlington	Event in Des Moines County	CIRAS - Partners	TAC
Des Moines	Burlington	Event in Des Moines County	CIRAS - Partners	TAC
Des Moines	Burlington	Event in Des Moines County	CIRAS - Partners	TAC
Des Moines	Burlington	Event in Des Moines County	CIRAS - Partners	TAC
Des Moines	Burlington	Event in Des Moines County	CIRAS - Partners	TAC
Des Moines	Burlington	Event in Des Moines County	CIRAS - Partners	TAC
Des Moines	Burlington	Event in Des Moines County	CIRAS - Partners	TAC
Des Moines	Burlington	Event in Des Moines County	CIRAS - Partners	TAC
Des Moines	Burlington	Event in Des Moines County	CIRAS - Partners	TAC
Des Moines	Burlington	Event in Des Moines County	CIRAS - Partners	TAC
Des Moines	Burlington	R L Douglas Contracting	CIRAS	BAC
Des Moines	Burlington	Riley Paint Co Inc	CIRAS	BAC
Des Moines	Burlington	Winegard Co	CIRAS - Partners	TAC
Des Moines	Burlington	Winegard Co	CIRAS - Partners	TAC
Des Moines	Burlington	Winegard Co	CIRAS - Partners	TAC
Des Moines	Burlington	Winegard Co	CIRAS - Partners	TAC
Des Moines	Burlington	Southeast Iowa Regional Planning Commission	Community & Regional Planning	TAC
Des Moines	Danville	City of Danville	Landscape Architecture	OCOM

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Des Moines Count

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Dickinson	Spirit Lake	AreoPowder Coating	College of Business	FAC
Dickinson	Lake Park	Harris Lake Park High School	Community Vitality Center	OCOM
Dickinson	Spirit Lake	Polaris Industries, Inc.	IPRT Company Assistance-NDE	TAC
Dickinson	Spirit Lake	Pure Fishing	IPRT Company Assistance-NDE	TAC

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Dickinson	Spirit Lake	zoning administrator	Community & Regional Planning	TCOM
Dickinson	West Okoboji	City of West Okoboji	Landscape Architecture/IDRO	BCOM
Dickinson	Okoboji	Okoboji Entrepreneurial Institute	Pappajohn Center for Entrepreneurship	FAC
Dickinson	Milford	Stylecraft	Families Extension	PWD
Dickinson	Spirit Lake	Brown Medical Industry	Families Extension	PWD
Dickinson	Spirit Lake	Polaris	Families Extension	PWD
Dickinson	Spirit Lake	Pure Fishing/Outdoor Technology Group	Families Extension	PWD
Dickinson	Milford	Milford PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Dickinson	Okoboji	Okoboji PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Dickinson		Dickinson County	CTRE/Local Technical Assistance Program	TCOM
Dickinson	Spirit Lake	Beck Engineering	CTRE/Statewide Urban Design & Specs.	TAC
Dickinson	Spirit Lake	City of Spirit Lake	CTRE/Statewide Urban Design & Specs.	TAC
Dickinson	Spirit Lake	Dickinson County	CTRE/Statewide Urban Design & Specs.	TAC
Dickinson	Spirit Lake	Pure Fishing	Industry Relations	FAC
Dickinson	Milford	Iowa Lakeside Laboratory	CIRAS	TAC
Dickinson	Spirit Lake	Aero-Dec Inc	CIRAS	BAC
Dickinson		citizen from Dickinson County	Community & Regional Planning	TCOM
Dickinson		lakes area mayors (Dickinson County)	Community & Regional Planning	TCOM

Dickinson Count

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Dubuque	Dubuque	Dubuque High School	Biotechnology Outreach Education Center	OCOM
Dubuque	Dubuque	Keystone AEA 1	Biotechnology Outreach Education Center	OCOM
Dubuque	Holy Cross	Ted Domeyer Farm	ISU Extension	TAC
Dubuque	Dyersville	Gene Hahn Farm	ISU Extension	TAC
Dubuque	Farley	Matt Streif Farm	ISU Extension	TAC
Dubuque	Epworth	David Kress Farm	ISU Extension	TAC
Dubuque	Holy Cross	Marv Erzen Farm	ISU Extension	TAC
Dubuque	Peosta	Camoplast Rockland, Ltd.	IPRT Company Assistance-NDE	TAC
Dubuque	Dubuque	Dubuque Clamp Works	IPRT Company Assistance-Materials	TAC
Dubuque	Asbury	City of Asbury	Landscape Architecture/IDRO	BCOM
Dubuque	Dubuque	Entege Engineering Technical Group	College of Engineering, Engr. Distance Educ.	PWD
Dubuque	Dubuque	John Deere	College of Engineering, Engr. Distance Educ.	PWD
Dubuque	Dubuque	PC Polls	College of Business	BAC
Dubuque	Dubuque	IHPA Annual Conference	Iowa Energy Center - Energy Resource Station	TAC
Dubuque	Dubuque	Ductsox Corporation	Iowa Energy Center - Energy Resource Station	TAC
Dubuque	Dubuque	Finley Hospital	Families Extension	BCOM
Dubuque	County	Dubuque Empowerment	Families Extension	BAC
Dubuque	County	Mississippi Valley Promise	Families Extension	BAC
Dubuque	Dubuque	Eagle Windows	Families Extension	FAC
Dubuque	Dubuque	John Deere	Families Extension	FAC
Dubuque	Dubuque	PC Poll	Families Extension	BAC
Dubuque	New Vienna	Hewitt Creek Watershed	Families Extension	TCOM
Dubuque	County	CCR & R	Families Extension	FAC
Dubuque	Dubuque	Dubuque Community School	Families Extension	BAC
Dubuque	Dubuque	Operation New View	Families Extension	OCOM
Dubuque	Dubuque	Dubuque- March 15, 2006 ----13 attended	Families Extension	PWD
Dubuque	Dubuque	Dubuque- May 10, 2006----- 20 attended	Families Extension	PWD
Dubuque	Dubuque	01/10/06- 20 attended	Families Extension	PWD
Dubuque	Dubuque	IIW Engineers & Surveyors	CTRE/Bridge Engr. Center	TAC
Dubuque		Dubuque Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM
Dubuque	Dubuque	Dubuque PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Dubuque	Dyersville	Dyersville PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Dubuque	New Vienna	New Vienna PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Dubuque		Donohue & Associates (for Dubuque County)	CTRE/IA Traffic Safety Data Service	TAC

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Dubuque	Dubuque	City of Dubuque	CTRE/Statewide Urban Design & Specs.	TAC
Dubuque	Worthington	Connolly Concrete and Excavating, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Dubuque	Peosta	Connolly Construction, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Dubuque	Dubuque	Dubuque County	CTRE/Statewide Urban Design & Specs.	TAC
Dubuque	Dubuque	East Central Intergovernmental Assoc.	CTRE/Statewide Urban Design & Specs.	TAC
Dubuque	Dyersville	F.L. Krapfl, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Dubuque	Dubuque	Flynn Company, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Dubuque	Epworth	Horsfield Construction, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Dubuque	Dubuque	IIW Engineers & Survey	CTRE/Statewide Urban Design & Specs.	TAC
Dubuque	Dubuque	J & R Supply Inc	CTRE/Statewide Urban Design & Specs.	TAC
Dubuque	Peosta	McClain Excavating Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Dubuque	Dyersville	Nickol Boring, Inc	CTRE/Statewide Urban Design & Specs.	TAC
Dubuque	Dubuque	Portzen Construction, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Dubuque	Peosta	Tom Kueter Construction Co, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Dubuque	Epworth	Top Grade Excavating, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Dubuque	Dubuque	Tshiggfrie Excavating Co.	CTRE/Statewide Urban Design & Specs.	TAC
Dubuque	Bernard	Weber Surveying, LLC	CTRE/Statewide Urban Design & Specs.	TAC
Dubuque	Peosta	Bodine Electric Company	Industry Relations	FAC
Dubuque	Peosta	Shelton Scientific	Industry Relations	FAC
Dubuque	Cascade	Rail-Way, Inc.	CIRAS	TAC
Dubuque	Dubuque	Barnstead International	CIRAS - Partners	TAC
Dubuque	Dubuque	Barnstead International	CIRAS - Partners	TAC
Dubuque	Dubuque	Barnstead International	CIRAS - Partners	TAC
Dubuque	Dubuque	Barnstead International	CIRAS - Partners	TAC
Dubuque	Dubuque	Edwards Precast Concrete Co	CIRAS - Partners	TAC
Dubuque	Dubuque	Gumbo Joe's Painting & Remodeling	CIRAS	BAC
Dubuque	Dubuque	Higley Industries Inc	CIRAS	BAC
Dubuque	Dubuque	Metrix Co	CIRAS - Partners	TAC
Dubuque	Dubuque	Metrix Co	CIRAS - Partners	TAC
Dubuque	Dubuque	PC/Poll Systems	CIRAS	BAC
Dubuque	Dubuque	Weitz Larry Sign Systems Inc	CIRAS - Partners	TAC
Dubuque	Dyersville	FarmTek	CIRAS	TAC
Dubuque	Farley	E I M C O Inc	CIRAS - Partners	TAC
Dubuque	Farley	E I M C O Inc	CIRAS - Partners	TAC
Dubuque	Farley	E I M C O Inc	CIRAS - Partners	TAC
Dubuque	New Vienna	Taylor Construction	CIRAS	BAC
Dubuque	Peosta	Trappist Caskets	CIRAS	TAC
Dubuque		Dubuque County supervisor	Community & Regional Planning	TCOM

Dubuque Count

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Emmet	Armstrong	Armstrong PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Emmet		Emmet Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM
Emmet	Estherville	Estherville PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Emmet		Emmet County Health	CTRE/IA Traffic Safety Data Service	OCOM
Emmet		Emmet County Engineer	CTRE/IA Traffic Safety Data Service	TCOM
Emmet	Estherville	Tug Helmers Construction, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Emmet	Armstrong	Arts-Way Manufacturing Co Inc	CIRAS - Partners	TAC
Emmet	Estherville	Medieval Glass Industries Inc	CIRAS	TAC
Emmet		Emmet County	Arts & Design	TCOM
Emmet	Estherville	Lifestyle Challenge participants	Families Extension	PWD
Emmet	Estherville	Farmers Market customers	Families Extension	PWD
Emmet	Estherville	Nursing Home employees	Families Extension	PWD

Emmet Count

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Fayette	Oelwein	Oelwein High School	Biotechnology Outreach Education Center	OCOM
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Fayette	Fayette	Pattison Brothers	Office of Intellectual Property & Tech. Transf.	TT
Fayette	Arlington	Starmont Middle School	Community Vitality Center	BCOM
Fayette	West Union	Wiese Farms	ISU Extension	BAC
Fayette	Westgate	Top Deck Holsteins	ISU Extension	TAC
Fayette	Fayette	Gary Bishop Farms	ISU Extension	TAC
Fayette	Sumner	Mark Arthur Farm	ISU Extension	TAC
Fayette	Fairbank	Harlan Hartman	ISU Extension	TAC
Fayette	Clermont	Mark Nelson Farm	ISU Extension	TAC
Fayette	West Union	Mark Vaughnts Farm	ISU Extension	TAC
Fayette	West Union	City of West Union	Landscape Architecture/IDRO	BCOM
Fayette	Fayette	Upper Iowa University	College of Engineering, Engr. Distance Educ.	PWD
Fayette	Arlington	Youth Marketplace Program for Students	Pappajohn Center for Entrepreneurship	OCOM
Fayette		Fayette Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM
Fayette	Oelwein	Oelwein PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Fayette	Clermont	Clermont Police Department	CTRE/IA Traffic Safety Data Service	OCOM
Fayette	Clermont	City of Clermont	CTRE/Statewide Urban Design & Specs.	TAC
Fayette	Oelwein	City of Oelwein	CTRE/Statewide Urban Design & Specs.	TAC
Fayette	West Union	Leslie R. Lauer & Sons Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Fayette	West Union	TeKippe Engineering, PC	CTRE/Statewide Urban Design & Specs.	TAC
Fayette	Fayette	Blessing Industries Inc	CIRAS	BAC

Fayette Count

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Floyd	Rockford	RRMR School	Biotechnology Outreach Education Center	OCOM
Floyd	Charles City	Floyd County Soil/Water Conservation District	ISU Research Farms	FAC
Floyd	Charles City	Charles City Area Development Group	ISU Extension	BCOM
Floyd	Nashua	Northeast Iowa Ag Experimental Association	ISU Extension	FAC
Floyd	Charles City	Floyd County Law Enforcement Agencies	ISU Extension	OCOM
Floyd	Charles City	City of Charles City	Landscape Architecture	BCOM
Floyd	Charles City	Floyd County Extension Office	Arts & Design	TCOM
Floyd	Charles City	Farm Bureau/USDA/John Deere wind energy seminar	Iowa Energy Center	FAC
Floyd	Charles City	Charles City Community (Child Care Forum)	Families Extension	BCOM
Floyd	Charles City	Charles City PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Floyd		Floyd Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM
Floyd		Floyd County	CTRE/Local Technical Assistance Program	PWD
Floyd	Charles City	Allied Construction Co.	CTRE/Statewide Urban Design & Specs.	TAC
Floyd	Charles City	Custom Wood Products Inc	CIRAS	TAC
Floyd	Charles City	Fort Dodge Animal Health-Charles City	CIRAS - Partners	TAC
Floyd	Charles City	Fort Dodge Animal Health-Charles City	CIRAS - Partners	TAC
Floyd	Charles City	Mobility Concepts, LLC	CIRAS	TAC
Floyd	Charles City	Winnebago Industries - Charles City	CIRAS - Partners	TAC
Floyd	Charles City	Winnebago Industries - Charles City	CIRAS - Partners	TAC
Floyd	Charles City	Winnebago Industries - Charles City	CIRAS - Partners	TAC
Floyd	Charles City	Winnebago Industries - Charles City	CIRAS - Partners	TAC
Floyd	Charles City	Winnebago Industries - Charles City	CIRAS - Partners	TAC
Floyd	Charles City	Winnebago Industries - Charles City	CIRAS - Partners	TAC
Floyd	Charles City	Winnebago Industries - Charles City	CIRAS - Partners	TAC
Floyd	Charles City	Winnebago Industries - Charles City	CIRAS - Partners	TAC
Floyd	Charles City	City of Charles City	CTRE/Statewide Urban Design & Specs.	TAC

Floyd Count

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Franklin	Latimer	Cal Community School	Biotechnology Outreach Education Center	OCOM
Franklin	Hampton	Hampton-Dumont H S	Biotechnology Outreach Education Center	OCOM
Franklin	Hampton	Wood Cellar	Textiles & Clothing	BAC
Franklin	Hampton	The Pomegranate	Textiles & Clothing	BAC
Franklin	Hampton	Merry Bees	Textiles & Clothing	BAC

	Franklin	Hampton	Bredeaux Pizza	Hotel, Restaurant & Inst. Management	BAC	
	Franklin	Hampton	Panache	Textiles & Clothing	BAC	
	Franklin	Hampton	Christensen's Jewelry	Textiles & Clothing	BAC	
	Franklin	Hampton	Hampton Activity Center	Landscape Architecture	TCOM	
	Franklin	Hampton	Hampton-Dumont Community School	Families Extension	BCOM	
	Franklin	Hampton	Mid Com	Families Extension	PWD	
	Franklin	Hampton	CE Contracting	CTRE/Statewide Urban Design & Specs.	TAC	
	Franklin	Hampton	City of Hampton	CTRE/Statewide Urban Design & Specs.	TAC	
	Franklin	Hampton	Butler-Grundy R.E.C.'s	Industry Relations	FAC	
	Franklin	Hampton	Hampton Hydraulics Inc	CIRAS	TAC	
	Franklin	Hampton	Winnebago Industry Inc - Hampton	CIRAS - Partners	TAC	
Franklin Count		16				16
	Fremont	Sidney	Sidney Elementary	Biotechnology Outreach Education Center	OCOM	
	Fremont	Fremont Mills, Tabor, IA	Science Writing Heuristic	Curriculum & Instruction	PWD	
	Fremont	Sidney	Sidney Manufacturing, Inc.	CIRAS	BAC	
Fremont Count		3				3
	Greene	Jefferson	Jefferson-Scranton Sch.	Biotechnology Outreach Education Center	OCOM	
	Greene	Jefferson	Shriver Farms	Office of Intellectual Property & Tech. Transf.	TT	
	Greene	Jefferson	National Catholic Rural Life Conference	Community Vitality Center	BCOM	
	Greene	Jefferson	Tom Safely Farms	ISU Extension	TAC	
	Greene	Scranton	Scranton Manufacturing	Center for Nondestructive Evaluation, IPRT	TAC	
	Greene	Scranton	Scranton Manufacturing	IPRT Company Assistance-NDE	TAC	
	Greene	Jefferson	American Athletic, Inc.	IPRT Company Assistance-Materials	TAC	
	Greene	Jefferson	MicroSoy	IPRT Company Assistance-Contract Research	TAC	
	Greene	Cooper	Franklin Township	Landscape Architecture	TCOM	
	Greene	Jefferson	City of Jefferson	Landscape Architecture	TAC	
	Greene	Paton	Bauer Built Manufacturing	College of Engineering, Engr. Distance Educ.	PWD	
	Greene	Jefferson	Greene County Economic Development	Families Extension	BCOM	
	Greene	Jefferson	Greene County Medical Center	Families Extension	OCOM	
	Greene	Jefferson	Jefferson City Council/Housing issues	Families Extension	OCOM	
	Greene	Scranton	Scranton Manufacturing	Families Extension	PWD	
	Greene	Jefferson	Lighten Up Iowa - Hospital, many businesses	Families Extension	BWD	
	Greene	Jefferson	Microsoy	Families Extension	TAC	
	Greene	Jefferson	Greene County	CTRE/Bridge Engr. Center	TCOM	
	Greene		Greene Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Greene		Greene County	CTRE/Local Technical Assistance Program	PWD	
	Greene	Jefferson	City of Jefferson	CTRE/Statewide Urban Design & Specs.	TAC	
	Greene	Jefferson	American Athletic Inc	CIRAS - Partners	TAC	
	Greene	Jefferson	American Athletic Inc	CIRAS - Partners	TAC	
	Greene	Jefferson	American Athletic Inc	CIRAS	TAC	
	Greene	Jefferson	American Athletic Inc	CIRAS - Partners	TAC	
	Greene	Jefferson	American Athletic Inc	CIRAS - Partners	TAC	
	Greene	Jefferson	American Athletic Inc	CIRAS - Partners	TAC	
	Greene	Jefferson	American Athletic Inc	CIRAS	TAC	
	Greene	Jefferson	Gopher Construction	CIRAS	TAC	
	Greene	Jefferson	Microsoy Corp	CIRAS	TAC	
	Greene	Jefferson	Microsoy Corp	CIRAS	TAC	
	Greene	Scranton	Scranton Manufacturing Co Inc	CIRAS - Partners	TAC	
	Greene	Scranton	Scranton Manufacturing Co Inc	CIRAS - Partners	TAC	
	Greene	Scranton	Scranton Manufacturing Co Inc	CIRAS - Partners	TAC	
	Greene	Franklin Township	Franklin Township Trustees	Landscape Architecture	TCOM	
Greene Count		35				35
	Grundy	Conrad	Green Products Company	IPRT Company Assistance-Contract Research	TAC	

Grundy Count	Grundy	Dike	Planning & Zoning Chair, Dike IA	Community & Regional Planning	TCOM	10
	Grundy	Reinbeck	City of Reinbeck	Landscape Architecture/IDRO	BCOM	
	Grundy	Conrad	Lennon Industries	College of Engineering, Engr. Distance Educ.	PWD	
	Grundy		Grundy Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Grundy	Grundy Center	Grundy County Development Alliance	Industry Relations	FAC	
	Grundy	Conrad	Green Products Co	CIRAS	BAC	
	Grundy	Grundy Center	Heavy Equipment Manufacturing	CIRAS - Partners	BAC	
	Grundy	Grundy Center	Heavy Equipment Manufacturing	CIRAS	BAC	
	Grundy		Grundy County Zoning Administrator	Community & Regional Planning	TCOM	
	Guthrie Count	Guthrie	Adair	Adair-Casey School	Biotechnology Outreach Education Center	
Guthrie		Guthrie Center	Guthrie Center School	Biotechnology Outreach Education Center	OCOM	
Guthrie		Stuart	West Central Valley	Biotechnology Outreach Education Center	OCOM	
Guthrie		Guthrie Center	Science Writing Heuristic	Curriculum & Instruction	PWD	
Guthrie		Guthrie Center	City of Guthrie Center	Landscape Architecture/IDRO	BCOM	
Guthrie		Panora	City of Panora	Landscape Architecture/IDRO	BCOM	
Guthrie		Guthrie Center	Iowa Vocational Rehabilitation Services	Office of Intellectual Property & Tech. Transf.	FAC	
Guthrie		Panora	Panora and Lake Panorama/Visioning	Families Extension	BCOM	
Guthrie		Guthrie Center	Visioning Committee	Families Extension	BCOM	
Guthrie		Guthrie Center	Guthrie Center Assembly	Families Extension	TAC	
Guthrie		Countywide	Growing Food & Profit	Families Extension	BCOM	
Guthrie		Guthrie Center	Emergency Mgmt	Families Extension	OCOM	
Guthrie		Guthrie Center	GC Coalition	Families Extension	BCOM	
Guthrie		Panora	PRIDE	Families Extension	FAC	
Guthrie		Panora	Log Cabin BBQ	Families Extension	PWD	
Guthrie		Bayard	Shack's	Families Extension	PWD	
Guthrie		Panora	City of Panora	CTRE/Statewide Urban Design & Specs.	TAC	
Guthrie		Casey	Gus Construction Co., Inc.	CTRE/Statewide Urban Design & Specs.	TAC	
Guthrie		Panora	Iowa Trenchless	CTRE/Statewide Urban Design & Specs.	TAC	
Hamilton						19
		Hamilton	Blairsburg	Northeast Hamilton	Biotechnology Outreach Education Center	OCOM
		Hamilton	Webster City	Webster City High School	Biotechnology Outreach Education Center	OCOM
		Hamilton	Ellsworth	Safe Soy	Office of Intellectual Property & Tech. Transf.	TT
	Hamilton	Ellsworth	SafeSoy LLC	CCUR	TT	
	Hamilton	Muscatine	Grain Processors Corp.	CCUR & FSHN	TT	
	Hamilton	Ellsworth	SafeSoy LLC	CCUR	TAC	
	Hamilton	Webster City	Mary Ann's Specialty Producers	FSHN	TAC	
	Hamilton	Webster City	Webster City High School	Community Vitality Center	OCOM	
	Hamilton	Webster City	Arrow Acme, Inc.	IPRT Company Assistance-Materials	TAC	
	Hamilton	Webster City	Electrolux Home Products	IPRT Company Assistance-Materials	TAC	
	Hamilton	Webster City	Van Diest Supply Company	IPRT Company Assistance-Contract Research	TAC	
	Hamilton	Webster City	Seneca Foundry	College of Business	FAC	
	Hamilton	Webster City	Beam Industries	ISU Research Foundation	TT	
	Hamilton	Ellsworth	Safe Soy Technolgoies	ISU Research Foundation	TT	
	Hamilton		6 unidentified companies	Pappajohn Ctr. for Entrepreneurship/ISU SBDC	BAC	
	Hamilton	Webster City	UAW Local 442 - Electrolux	Families Extension	PWD	
	Hamilton	Eagle Grove	Upper DM Opportunity	Families Extension	PWD	
	Hamilton	Webster City, Clarion	Hamilton/Wright Counties	Families Extension	OCOM	
	Hamilton		Hamilton Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Hamilton		Hamilton County	CTRE/Local Technical Assistance Program	PWD	
	Hamilton	Webster City	City of Webster City	CTRE/Statewide Urban Design & Specs.	TAC	
	Hamilton	Webster City	Hamilton County Engineer	CTRE/Statewide Urban Design & Specs.	TAC	
	Hamilton	Webster City	Ingraham Construction Inc.	CTRE/Statewide Urban Design & Specs.	TAC	

Hamilton Count	Hamilton	Webster City	Peterson Construction	CTRE/Statewide Urban Design & Specs.	TAC	26
	Hamilton	Webster City	Arrow Acme Co	CIRAS - Partners	TAC	
	Hamilton	Webster City	Mary Ann's Specialty Foods Inc	CIRAS - Partners	TAC	
	Hancock	Crystal Lake	Woden-Crystal Lake HS	Biotechnology Outreach Education Center	OCOM	
	Hancock	Corwith	Fairview Farms	Office of Intellectual Property & Tech. Transf.	TT	
	Hancock	Kanawha	West Hancock County High School	ISU Research Farms	OCOM	
	Hancock	Britt	West Hancock County Elementary	ISU Research Farms	OCOM	
	Hancock	Garner	Hancock County Farm Bureau Rural Vitality Committee	ISU Extension	BCOM	
	Hancock	Garner	Suntron of Iowa	IPRT Company Assistance-NDE	TAC	
	Hancock	Garner	Stellar Industries	College of Business	BAC	
	Hancock	Garner	Hancock Co. Extension Wind Energy Conference	Iowa Energy Center	FAC	
	Hancock	Kahawha	First Citizens Bank	Families Extension	OCOM	
	Hancock	Kanawha	Kiefer Built	Families Extension	PWD	
	Hancock	Garner	Stellar	Families Extension	PWD	
	Hancock	Corwith	Fairview Farms	Families Extension	PWD	
	Hancock	Garner	Garner PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Hancock	Britt	City of Britt	CTRE/Local Technical Assistance Program	TCOM	
	Hancock Count	Hancock	Garner	Hancock County	CTRE/Statewide Urban Design & Specs.	
Hancock		Garner	Iowa Mold Tooling Co Inc	CIRAS - Partners	TAC	
Hancock		Garner	Stellar Industries Inc	CIRAS	BAC	
Hancock		Kanawha	Kiefer Built Inc	CIRAS	TAC	
Hardin		Iowa Falls	Iowa Falls H S	Biotechnology Outreach Education Center	OCOM	
Hardin		New Providence	Schnormeier Farms	Beginning Farmer Center	BAC	
Hardin		Iowa Falls	Ham & Egg, LLC.	ISU Extension	TAC	
Hardin		New Providence	Guiles Pork	ISU Extension	TAC	
Hardin		Eldora	City of Eldora	Landscape Architecture	BCOM	
Hardin		Elkhart	private citizen	Landscape Architecture	OCOM	
Hardin		Iowa Falls	Ellsworth Junior College	Arts & Design	TCOM	
Hardin		Iowa Falls	Iowa River Greenbelt Resource Trust	Landscape Architecture	OCOM	
Hardin		Steamboat Rock	Pine Lake Corn Processors	College of Engineering	FAC	
Hardin		Iowa Falls	Great Plains Protein	Office of Intellectual Property & Tech. Transf.	BAC	
Hardin		Eldora	City of Eldora	Iowa Energy Center	TCOM	
Hardin			2 unidentified companies	Pappajohn Ctr. for Entrepreneurship/ISU SBDC	BAC	
Hardin		Eldora	Hardin/Marshall Counties	Families Extension	OCOM	
Hardin		Iowa Falls	Lighten Up Iowa - Hy-Vee, Hospital, Chamber	Families Extension	BWD	
Hardin	Iowa Falls	Ag businesses	Families Extension	BWD		
Hardin	Iowa Falls	Iowa Falls PD	CTRE/Gov. Traffic Safety Bureau	OCOM		
Hardin	Eldora	City of Eldora	CTRE/Statewide Urban Design & Specs.	TAC		
Hardin	Iowa Falls	City of Iowa Falls	CTRE/Statewide Urban Design & Specs.	TAC		
Hardin	Iowa Falls	McDowell & Sons	CTRE/Statewide Urban Design & Specs.	TAC		
Hardin	Alden	Tunnel Mill Polymer, Inc.	CIRAS	TAC		
Hardin		Iowa River Greenbelt Resource Trust	Landscape Architecture	OCOM		
Hardin Count					21	
Harrison Count	Harrison	Woodbine	Phyto-Technologies, Inc.	CCUR	TAC	7
	Harrison	Woodbine	Phyto-Technologies, Inc.	CCUR	TAC	
	Harrison	Woodbine	City of Woodbine	Landscape Architecture	OCOM	
	Harrison	Dunlap	Dunlap PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Harrison		Harrison Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Harrison	Woodbine	Phyto-Technologies Inc	CIRAS	TAC	
Harrison		City of Logan	CTRE/Local Technical Assistance Program	PWD		

Henry	Mount Pleasant	Mount Pleasant H S	Biotechnology Outreach Education Center	OCOM
Henry	Wayland	Waco H S	Biotechnology Outreach Education Center	OCOM
Henry	Winfield	Asoyia LLC	FSHN	TAC
Henry	Mt. Pleasant	Mt. Pleasant Chamber Alliance	Community Vitality Center	BCOM
Henry	Winfield	Asoyia	ISU Extension	TT
Henry	Mount Pleasant	Hearth and Home Technologies	IPRT Company Assistance-Materials	TAC
Henry	Mount Pleasant	LINCS community stakeholder group	Landscape Architecture, Community & Regional Plan	BCOM(2), FAC, TAC,
Henry	Mount Pleasant	IDED Main Street/ city of Mt Pleasant	Community & Regional Planning	TCOM
Henry	Mount Pleasant	Mount Pleasant	Landscape Architecture	TAC
Henry	New London	City of New London	Landscape Architecture	OCOM
Henry	Mount Pleasant	Bately, Ltd.	Office of Intellectual Property & Tech. Transf.	BAC
Henry	Mt Pleasant	Youth Marketplace Program for Students	Pappajohn Center for Entrepreneurship	OCOM
Henry	Mt Pleasant	HyVee	Families Extension	PWD
Henry	Mt. Pleasant	Mt. Pleasant Foods	Families Extension	PWD
Henry	Mt Pleasant	Serv safe classes - total of 5	Families Extension	PWD
Henry	Mt Pleasant	Mt Pleasant foods classes	Families Extension	PWD
Henry		Henry County Health Department	Families Extension	PWD
Henry		Schmidt Construction Co., Inc.	CTRE/Construction Mgmt. & Technology	PWD
Henry		Henry Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM
Henry	Mount Pleasant	Mount Pleasant PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Henry	Mount Pleasant	Mount Pleasant Area Development Commission	Industry Relations	FAC
Henry	Winfield	Asoyia	Industry Relations	FAC
Henry	Mount Pleasant	Hearth Technologies Inc.	CIRAS - Partners	TAC
Henry	Mount Pleasant	Hearth Technologies Inc.	CIRAS - Partners	TAC
Henry		Henry County	Landscape Architecture	BCOM, TCOM
Henry		Henry County Ag educator	Community & Regional Planning	TCOM
Henry Count	26			26
Howard	Cresco	Crestwood H S	Biotechnology Outreach Education Center	OCOM
Howard	Elma	Kolbassa Meats	FSHN	TAC
Howard	Cresco	Hawkeye REC/Crestwood Junior High School	Community Vitality Center	BCOM
Howard	Cresco	Ken Moellers Farm	ISU Extension	TAC
Howard	Cresco	Donaldson Company, Inc	IPRT Company Assistance-NDE	TAC
Howard	Cresco	Donaldson Company, Inc	IPRT Company Assistance-NDE	TAC
Howard	Elma	City of Elma	Landscape Architecture/IDRO	BCOM
Howard	Lime Springs	City of Lime Springs	Landscape Architecture/IDRO	BCOM
Howard	Cresco	Golden Ridge Cheese	Office of Intellectual Property & Tech. Transf.	BAC
Howard	Cresco	Youth Marketplace Program for Students	Pappajohn Center for Entrepreneurship	OCOM
Howard	Cresco	Donaldson Company	Families Extension	PWD
Howard	Protivin	Art's Milling	Families Extension	PWD
Howard	Elma	Peoples Savings Bank	Families Extension	PWD
Howard	Cresco	Regional Health Services	Families Extension	OCOM
Howard	Cresco	Cresco Food Technologies	Families Extension	TAC
Howard	Cresco	Cresco PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Howard		Howard Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM
Howard		Howard County Engineer	CTRE/IA Traffic Safety Data Service	TCOM
Howard	Cresco	Howard Co. Engineer	CTRE/Statewide Urban Design & Specs.	TAC
Howard	Chester	Kitchen Construction	CTRE/Statewide Urban Design & Specs.	TAC
Howard	Lime Springs	Mehmet Tiling, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Howard	Cresco	Hawkeye REC	Industry Relations	FAC
Howard	Cresco	Donaldson Co Inc	CIRAS	TAC
Howard Count	23			23
Humboldt	Humboldt	Humboldt H S	Biotechnology Outreach Education Center	OCOM
Humboldt	Goldfield	Owl Lake Production Company	ISU Extension	TAC

	Humboldt	Humboldt	Chantland Company	IPRT Company Assistance-Materials	TAC	
	Humboldt	Humboldt	Humboldt County Extension	Iowa Energy Center - BECON	FAC	
	Humboldt	Humboldt	Lighten Up Iowa - Hy-Vee, HogSlat, CornBelt Power, others	Families Extension	BWD	
	Humboldt	Humboldt	Humboldt Workshop	Families Extension	BWD	
	Humboldt	Humboldt	Curves for Women	Families Extension	BWD	
	Humboldt	Humboldt	Humboldt County	CTRE/Bridge Engr. Center	TCOM	
	Humboldt	Humboldt	Blacktop Service Company	CTRE/Statewide Urban Design & Specs.	TAC	
	Humboldt	Humboldt	Humboldt Concrete Products	CTRE/Statewide Urban Design & Specs.	TAC	
	Humboldt	Humboldt	Dodgen Industries Inc	CIRAS - Partners	TAC	
	Humboldt	Humboldt	Hanisch Manufacturing Inc	CIRAS	BAC	
	Humboldt	Humboldt	Nokomis Machine, Inc.	CIRAS	BAC	
Humboldt Count		13				13
	Ida	Ida Grove	Battle Creek/Ida Grove Sch.	Biotechnology Outreach Education Center	OCOM	
	Ida	Holstein	Four All Seasons, L.L.C.	Horticulture	TAC	
	Ida	Galva	Galva-Holstein Ag Cooperative	ISU Research Farms	TAC	
	Ida	Holstein	Four All Seasons	IPRT Company Assistance-Contract Research	TAC	
	Ida	Galva	City of Galva	Landscape Architecture/IDRO	BCOM	
	Ida	Galva	Quad County Corn Processors	ISU Research Foundation	TT	
	Ida	Galva	Quad County Corn Processors	ISU Research Foundation	TT	
	Ida	Galva	Quad County Corn Processors	ISU Research Foundation	TT	
	Ida	Ida Grove	Godbersen Smith Construction Co.	CTRE/Statewide Urban Design & Specs.	TAC	
	Ida		Event in Ida County	CIRAS	TAC	
	Ida	Holstein	Galva Holstein Ag, L.L.C.	CIRAS	BAC	
	Ida	Holstein	V-T Industries Inc	CIRAS	TAC	
	Ida		Ida County Extension office	Arts & Design	TCOM	
Ida Count		13				13
	Iowa	Marengo	Iowa Valley Elementary/Iowa County 4-H Youth	Community Vitality Center	BCOM	
	Iowa	Williamsburg	Williamsburg High School	Community Vitality Center	OCOM	
	Iowa	Williamsburg	Meyer Farms	ISU Extension	BAC	
	Iowa	Williamsburg	Kinze Manufacturing, Inc.	IPRT Company Assistance-NDE	TAC	
	Iowa	Williamsburg	Ioway Trail Planning Group	Landscape Architecture	OCOM	
	Iowa	Victor	TL Fabrications	College of Business	FAC	
	Iowa	Amana	Tripletail Ventures, Inc.	Office of Intellectual Property & Tech. Transf.	BAC	
	Iowa	Amana	Tripletail Ventures, Inc.	Office of Intellectual Property & Tech. Transf.	FAC	
	Iowa	Marengo	Youth Marketplace Program for Students	Pappajohn Center for Entrepreneurship	OCOM	
	Iowa	North English	English Valley Schools	Families Extension	PWD	
	Iowa	Amana	Lily Blossom Tea Room	Families Extension	PWD	
	Iowa	Marengo	Iowa Valley Comm School Distr	Families Extension	PWD	
	Iowa	Williamsburg	Holden Foundation	Families Extension	PWD	
	Iowa	Marengo	Iowa County	CTRE/Bridge Engr. Center	TCOM	
	Iowa	Victor	Iowa Erosion Control, Inc.	CTRE/Statewide Urban Design & Specs.	TAC	
	Iowa	South Amana	Wendler Engineering & Construction, Inc.	CTRE/Statewide Urban Design & Specs.	TAC	
	Iowa	Amana	Amana Refrigeration Products	CIRAS	TAC	
	Iowa	Amana Colonies	ASCE Geotechnical Conference	CIRAS - ECE	PWD	
	Iowa	Victor	TL Fabricators	CIRAS	TAC	
	Iowa	Amana	Maytag	College of Engineering, Engr. Distance Educ.	PWD	
	Iowa	Marengo	Doose Cafe	Families Extension	PWD	
Iowa Count		21				21
	Jackson	Preston	Preston High School	Biotechnology Outreach Education Center	OCOM	
	Jackson	Maquoketa	Dynamic Tube, Inc.	Center for Nondestructive Evaluation, IPRT	TAC	
	Jackson	Preston	Plastics Unlimited, Inc.	Office of Intellectual Property & Tech. Transf.	FAC	
	Jackson	Preston	Grape Vines	Families Extension	TAC	
	Jackson		Jackson Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM	

	Jackson	Maquoketa	Maquoketa PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Jackson	Maquoketa	City of Maquoketa	CTRE/Local Technical Assistance Program	PWD	
	Jackson	Bellevue	Alan Jackson Tuckpointing Inc.	CIRAS	BAC	
Jackson Count	Jackson	Maquoketa	Limestone Bluffs Resource Conservation and Development C2954	CIRAS	TAC	
		9				9
	Jasper	Newton	Newton High School	Biotechnology Outreach Education Center	OCOM	
	Jasper	Monroe	PCM School	Biotechnology Outreach Education Center	OCOM	
	Jasper	Newton	Newton Area Development Group	Community Vitality Center	BCOM	
	Jasper	Kellogg	VanManen Pork	ISU Extension	TAC	
	Jasper	Sully	Lauren Van Wyk Farms	ISU Extension	TAC	
	Jasper	Colfax	Private homeowner	Landscape Architecture	OCOM	
	Jasper	Newton	Jasper County Economic Development Corporation	College of Engineering	BCOM	
	Jasper	Newton	Maytag	College of Engineering, Engr. Distance Educ.	PWD	
	Jasper	Newton	Zero Net -- Powerhouse	Iowa Energy Center - Energy Resource Station	TAC	
	Jasper	Newton	Culver's of Newton	Families Extension	PWD	
	Jasper	Newton	Newton Village	Families Extension	PWD	
	Jasper	Newton	Taco John's	Families Extension	PWD	
	Jasper	Newton	Skiff Medical Center	Families Extension	PWD	
	Jasper	Newton	Capstone Mental Health	Families Extension	PWD	
	Jasper	Colfax	Colfax PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Jasper		Jasper Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Jasper	Newton	Newton PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Jasper	Newton	Newton Police Department	CTRE/IA Traffic Safety Data Service	OCOM	
	Jasper		Jasper County	CTRE/Local Technical Assistance Program	PWD	
	Jasper	Colfax	A-Seeding Contractor, Inc.	CTRE/Statewide Urban Design & Specs.	TAC	
	Jasper	Baxter	City of Baxter	CTRE/Statewide Urban Design & Specs.	TAC	
	Jasper	Colfax	City of Colfax	CTRE/Statewide Urban Design & Specs.	TAC	
	Jasper	Newton	City of Newton	CTRE/Statewide Urban Design & Specs.	TAC	
	Jasper	Sully	Earth Work Inc.	CTRE/Statewide Urban Design & Specs.	TAC	
	Jasper	Newton	Jasper Construction Services, Inc.	CTRE/Statewide Urban Design & Specs.	TAC	
	Jasper	Newton	Johnstone & Associates Inc.	CTRE/Statewide Urban Design & Specs.	TAC	
	Jasper	Newton	Iowa Telecom	Industry Relations	PWD	
	Jasper	Sully	Co-Line Welding Inc	CIRAS	TAC	
	Jasper	Sully	Co-Line Welding Inc	CIRAS	TAC	
Jasper Count		29				29
	Jefferson	Fairfield	Fairfield Entrepreneurs Association	Community Vitality Center	BCOM	
	Jefferson	Fairfield	GreenKrete Building Systems	IPRT Company Assistance-NDE	TAC	
	Jefferson	Fairfield	Copperfield Chimney Supply, Inc.	IPRT Company Assistance-Materials	TAC	
	Jefferson	Fairfield	GreenKrete	Office of Intellectual Property & Tech. Transf.	BAC	
	Jefferson	Fairfield	Caribbean Café	Families Extension	PWD	
	Jefferson	Fairfield	McDonalds	Families Extension	PWD	
	Jefferson	Fairfield	Jefferson County Hospital	Families Extension	PWD	
	Jefferson	Fairfield	Serv safe classes - total of 4	Families Extension	PWD	
	Jefferson	Fairfield	Fairfield PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Jefferson	Salina	City of Salina	CTRE/Statewide Urban Design & Specs.	TAC	
	Jefferson	Fairfield	French-Renecker Assoc	CTRE/Statewide Urban Design & Specs.	TAC	
	Jefferson	Fairfield	Iowa DOT	CTRE/Statewide Urban Design & Specs.	TAC	
	Jefferson	Vedic City	Maharishi Vedic City	CTRE/Statewide Urban Design & Specs.	TAC	
	Jefferson	Fairfield	Corporate Awards	CIRAS	BAC	
Jefferson Count		14				14
	Johnson	Iowa City	Iowa City High School	Biotechnology Outreach Education Center	OCOM	
	Johnson	Solon	Solon High School	Biotechnology Outreach Education Center	OCOM	
	Johnson	Iowa City	West High School	Biotechnology Outreach Education Center	OCOM	

Johnson	Iowa City	Pharmacom Corporation	Innovations Development Facility - PSI	FAC
Johnson	Coralville	Integrated DNA Technologies, Inc.	Innovations Development Facility - PSI	FAC
Johnson	Iowa City	U Iowa	Center for Survey Statistics & Methodology	OCOM
Johnson	Iowa City	Midwest Forestry and Biofuels	Center for Catalysis, IPRT	TAC
Johnson	Iowa City	Cellular Engineering	Microelectronics Research Center, IPRT	TAC
Johnson	Iowa City	ALPLA of Iowa, Inc.	IPRT Company Assistance-Materials	TAC
Johnson	Iowa City	Pharmacom Corporation	IPRT Company Assistance-Materials	TAC
Johnson	Coralville	University of Iowa	Landscape Architecture	TAC
Johnson	Lone Tree	City of Lone Tree	Landscape Architecture/IDRO	BCOM
Johnson	Solon	City of Solon	Landscape Architecture/IDRO	BCOM
Johnson	Iowa City	Celluar Engineering Technologies	College of Engineering	TAC
Johnson	Iowa City	University of Iowa Research Foundation	ISU Research Foundation	TT
Johnson		1 unidentified company	Pappajohn Ctr. for Entrepreneurship/ISU SBDC	BAC
Johnson	Iowa City	Iowa State Bank and Trust	Families Extension	OCOM
Johnson	Iowa City	Asiana Cuisine Enterprises	Families Extension	PWD
Johnson	Oxford	Oxford Grill LLC	Families Extension	PWD
Johnson	Coralville	New Pioneer	Families Extension	PWD
Johnson	Coralville	Applebee's	Families Extension	PWD
Johnson	Coralville	New Age Restaurants	Families Extension	PWD
Johnson	Iowa City	QuietKitchen - A Personal Chef Service	Families Extension	PWD
Johnson	Coralville	Burger King	Families Extension	PWD
Johnson	Iowa City	Mercy Hospital	Families Extension	PWD
Johnson	North Liberty	Rugger's Café	Families Extension	PWD
Johnson	Coralville	Pearson Education	Families Extension	PWD
Johnson	Coralville	Rockwell Collins	Families Extension	PWD
Johnson	Wellman	Farmer's All Natural Creamery	Families Extension	TAC
Johnson	North Liberty	J.M.Swank	Families Extension	TAC
Johnson	Iowa City	University of Iowa	CTRE/Bridge Engr. Center	OCOM
Johnson	Iowa City	University of Iowa	CTRE/Bridge Engr. Center	OCOM
Johnson	Coralville	Coralville PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Johnson	Iowa City	Iowa City PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Johnson		Johnson Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM
Johnson	Iowa City	U of I Public Safety	CTRE/Gov. Traffic Safety Bureau	OCOM
Johnson	University Heights	University Hts. PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Johnson	Coralville	Coralville Pedestrian and Bicycle Commuters	CTRE/IA Traffic Safety Data Service	OCOM
Johnson		Johnson County Sheriff	CTRE/IA Traffic Safety Data Service	OCOM
Johnson	Iowa City	City of Iowa City	CTRE/Local Technical Assistance Program	PWD
Johnson	Iowa City	City of Iowa City	CTRE/Roadway Infrastructure	TCOM
Johnson	Coralville	City of Coralville	CTRE/Statewide Urban Design & Specs.	TAC
Johnson	Iowa City	City of Iowa City	CTRE/Statewide Urban Design & Specs.	TAC
Johnson	CORALVILLE	Coralville Public Works	CTRE/Statewide Urban Design & Specs.	TAC
Johnson	Iowa City	Johnson Council of Governments	CTRE/Statewide Urban Design & Specs.	TAC
Johnson	Iowa City	Johnson County - Second Roads Dept.	CTRE/Statewide Urban Design & Specs.	TAC
Johnson	Iowa City	Landmark Surveying & Engineering, Inc,	CTRE/Statewide Urban Design & Specs.	TAC
Johnson	Iowa City	Loren W Leach Professional Engineer	CTRE/Statewide Urban Design & Specs.	TAC
Johnson	Iowa City	MMS Consultants, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Johnson	Iowa City	Neumann Monson P.C.	CTRE/Statewide Urban Design & Specs.	TAC
Johnson	Cedar Rapids	Schnoor-Bonifazi Engineering & Surveying	CTRE/Statewide Urban Design & Specs.	TAC
Johnson	Iowa City	Shive Hattery	CTRE/Statewide Urban Design & Specs.	TAC
Johnson	Cedar Rapids	Shive-Hattery	CTRE/Statewide Urban Design & Specs.	TAC
Johnson	Coralville	Shoemaker & Haaland	CTRE/Statewide Urban Design & Specs.	TAC
Johnson	Coralville	Van Winkle-Jacob Engineering	CTRE/Statewide Urban Design & Specs.	TAC
Johnson	Cedar Rapids	Yordi Excavating Inc.	CTRE/Statewide Urban Design & Specs.	TAC

	Johnson	Coralville	Integrated DNA Technologies, Inc.	Industry Relations	PWD	
	Johnson	Iowa City	University of Iowa	Industry Relations	FAC	
	Johnson	North Liberty	Bio-Research Products, Inc.	Industry Relations	FAC	
	Johnson	Coralville	Integrated DNA Technologies, Inc.	Industry Relations	FAC	
	Johnson	Iowa City	Pharmacom	Industry Relations	FAC	
	Johnson	North Liberty	ViraQuest, Inc.	Industry Relations	FAC	
	Johnson	Iowa City	KD3 Environmental	CIRAS	BAC	
	Johnson	Iowa City	Moore North America	CIRAS - Partners	TAC	
	Johnson	Iowa City	Moore North America	CIRAS - Partners	TAC	
	Johnson	Iowa City	Moore North America	CIRAS - Partners	TAC	
	Johnson	Iowa City	Moore North America	CIRAS - Partners	TAC	
	Johnson	North Liberty	Centro Inc	CIRAS	TAC	
	Johnson	North Liberty	Centro Inc	CIRAS	TAC	
	Johnson	Iowa City	Procter and Gamble	ISU Research Foundation	TT	
	Johnson		United Contractors	CTRE/Construction Mgmt. & Technology	PWD	
	Johnson	Iowa City	University of Iowa Research Foundation	Office of Intellectual Property & Tech. Transf.	BCOM	
	Johnson	Iowa City	Componica	Office of Intellectual Property & Tech. Transf.	BAC	
	Johnson	Iowa City	University of Iowa SBDC	Office of Intellectual Property & Tech. Transf.	BCOM	
	Johnson	Iowa City	Cellular Engineering Technologies, Inc.	Office of Intellectual Property & Tech. Transf.	BAC	
	Johnson	Tiffin	Radu Vladea, Consultant	Office of Intellectual Property & Tech. Transf.	BAC	
	Johnson	Iowa City	Ramaanchar Technologies, Inc.	Office of Intellectual Property & Tech. Transf.	FAC	
	Johnson	North Liberty	ViraQuest	Office of Intellectual Property & Tech. Transf.	BAC	
	Johnson	Iowa City	Terpenoid Therapeutics, Inc.	Office of Intellectual Property & Tech. Transf.	FAC	
	Johnson	Iowa City	Actual Safety, Inc.	Office of Intellectual Property & Tech. Transf.	BAC	
	Johnson	Iowa City	Bio::Neos	Office of Intellectual Property & Tech. Transf.	BAC	
	Johnson	Iowa City	University of Iowa	Office of Intellectual Property & Tech. Transf.	FAC	
	Johnson	Iowa City	University of Iowa, various faculty	Office of Intellectual Property & Tech. Transf.	BAC	
	Johnson	Iowa City	Selim Laboratories	Office of Intellectual Property & Tech. Transf.	BAC	
Johnson Count		84				84
	Jones	Monticello	City of Monticello	Landscape Architecture	OCOM	
	Jones		Jones Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Jones	Monticello	Monticello PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Jones		Jones County	CTRE/Local Technical Assistance Program	PWD	
	Jones		Jones County	CTRE/Local Technical Assistance Program	PWD	
	Jones		Jones County	CTRE/Local Technical Assistance Program	PWD	
	Jones	Anamosa	Jones County Economic Development Commission	Industry Relations	FAC	
	Jones		Event in Jones County	CIRAS	BAC	
	Jones	Anamosa	Engineered Welding, Inc.	CIRAS	BAC	
	Jones	Monticello	Oak Street Manufacturing	CIRAS	BAC	
	Jones		Jones County	Landscape Architecture	OCOM	
Jones Count		11				11
	Keokuk	Sigourney	Sigourney Public Library	Landscape Architecture	OCOM	
	Keokuk	Richland	Bennett Agricultural Research Consulting	ISU Research Foundation	TT	
	Keokuk	Keswick	Veracity Sales	Families Extension	PWD	
	Keokuk		Keokuk County	CTRE/Local Technical Assistance Program	PWD	
	Keokuk	Sigourney	City of Sigourney	CTRE/Statewide Urban Design & Specs.	TAC	
	Keokuk	Webster City	Webster City Area Development	Industry Relations	FAC	
Keokuk Count		6				6
	Kossuth	Algona	Algona High School	Biotechnology Outreach Education Center	OCOM	
	Kossuth	Swea City	Swea City Schools (North Kossuth)	Biotechnology Outreach Education Center	OCOM	
	Kossuth	Lakota	Midwest Grain Processors	CCUR, ABE, & CCCE	TT	
	Kossuth	Nevada	Lincolnway Energy	CCUR, ABE, & CCCE	TT	
	Kossuth	Algona	Iowa State Bank	Economics	BAC	

Kossuth	Lakota	Midwest Grain Processor	Ctr. for Sustainable Environmental Technologies, IPR FAC	
Kossuth	Algona	City of Algona	Landscape Architecture/IDRO	BCOM
Kossuth	Lone Rock	Lone Rock Community	Landscape Architecture	TAC
Kossuth		1 unidentified company	Pappajohn Ctr. for Entrepreneurship/ISU SBDC	BAC
Kossuth	Algona	Algona Community (Child Care Forum)	Families Extension	BCOM
Kossuth	Algona	Snap-On	Families Extension	PWD
Kossuth	Algona	Farm Bureau	Families Extension	PWD
Kossuth	Whittemore	Westbend-Mallard Schools	Families Extension	PWD
Kossuth	Swea City	Swea City PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Kossuth	Algona	City of Algona	CTRE/Statewide Urban Design & Specs.	TAC
Kossuth	Algona	Erpelding Excavating Ent.	CTRE/Statewide Urban Design & Specs.	TAC
Kossuth	Algona	Kuehl & Payer Ltd.	CTRE/Statewide Urban Design & Specs.	TAC
Kossuth	Algona	Reding Gravel & Excavating	CTRE/Statewide Urban Design & Specs.	TAC
Kossuth	Bancroft	Aluma Ltd	CIRAS	TAC
Kossuth	Whittemore	A I Processors	CIRAS	TAC
Kossuth	Algona	Hydrogen Engine Center, Inc.	Office of Intellectual Property & Tech. Transf.	BAC

Kossuth Count

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Lee	Donnellson	Central Lee HS	Biotechnology Outreach Education Center	OCOM
Lee	Fort Madison	Holy Trinity High School	Biotechnology Outreach Education Center	OCOM
Lee	West Point	M.S. Technologies, LLC	Office of Intellectual Property & Tech. Transf.	TT
Lee	Keokuk	Tri City Energy	Value Added Agriculture Program	BAC
Lee	Donnellson	City of Donnellson	Landscape Architecture/IDRO	BCOM
Lee	West Point	City of West Point	Landscape Architecture/IDRO	BCOM
Lee	Denmark	Pry Plastics	College of Engineering	FAC
Lee	Denmark	Evergreen Professional Group	College of Engineering, Engr. Distance Educ.	PWD
Lee	all cities	Serv safe classes -total of 13	Families Extension	PWD
Lee		Lee County Health Dept	Families Extension	PWD
Lee		Central Lee Schools	Families Extension	PWD
Lee	Ft. Madison	Ft. Madison PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Lee	Keokuk	Keokuk PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Lee		Lee CO SO	CTRE/Gov. Traffic Safety Bureau	OCOM
Lee	Keokuk	City of Keokuk	CTRE/Statewide Urban Design & Specs.	TAC
Lee	Fort Madison	Gaylord Construction, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Lee	Keokuk	Poepping,Stone,Bach Associates, Inc	CTRE/Statewide Urban Design & Specs.	TAC
Lee	Keokuk	PSBA / City of Keokuk	CTRE/Statewide Urban Design & Specs.	TAC
Lee	Montrose	Lee County Economic Development Group	Industry Relations	FAC
Lee	Keokuk	Seither & Chery	CIRAS	BAC

Lee Count

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Linn	Cedar Rapids	Cedar Rapids Kennedy	Biotechnology Outreach Education Center	OCOM
Linn	Center Point	Center Point Urbana HS	Biotechnology Outreach Education Center	OCOM
Linn	Cedar Rapids	Isaac Newton Christian Acad.	Biotechnology Outreach Education Center	OCOM
Linn	Cedar Rapids	Kennedy High Sch.	Biotechnology Outreach Education Center	OCOM
Linn	Marion	Linn-Mar H S	Biotechnology Outreach Education Center	OCOM
Linn	Marion	Marion High School	Biotechnology Outreach Education Center	OCOM
Linn	Cedar Rapids	Prairie High School	Biotechnology Outreach Education Center	OCOM
Linn	Cedar Rapids	Thomas Jefferson H S	Biotechnology Outreach Education Center	OCOM
Linn	Cedar Rapids	Xavier High School	Biotechnology Outreach Education Center	OCOM
Linn	Cedar Rapids	Diamond V	Innovations Development Facility - PSI	FAC
Linn	Cedar Rapids	Genecor	CCUR, FSHN, Chem Engr.	TT
Linn	Cedar Rapids	EcoGen Solutions	CCUR, Animal Science, Economics & FSHN	BAC
Linn	Cedar Rapids	Rockwell International	CCUR	FAC
Linn	Cedar Rapids	Penford Products	CCUR	TAC
Linn	Cedar Rapids	Rockwell International	CCUR	FAC

Linn	Cedar Rapids	Penford Products	CCUR	TAC
Linn	Lakota	Midwest Grain Processors	CCUR, ABE, & CCCE	TT
Linn	Cedar Rapids	EcoGen Solutions	CCUR, Animal Science, Economics & FSHN	BAC
Linn	Cedar Rapids	Penford Products	CCUR	TAC
Linn	Cedar Rapids	Genencor International	CCUR	TAC
Linn	Cedar Rapids	Soywax	FSHN	TAC
Linn	Cedar Rapids	Quaker Oats	FSHN	TAC
Linn	Cedar Rapids	Kirkwood Community College	ISU Extension	PWD
Linn	Cedar Rapids	Rockwell Collins	Ames Laboratory	FAC
Linn	Cedar Rapids	Genecor	Ctr. for Sustainable Environmental Technologies, IPR	FAC
Linn	Cedar Rapids	Rockwell Collins	Virtual Reality Applications Center, IPRT	TAC, PWD
Linn	Cedar Rapids	Musco Lighting	Virtual Reality Applications Center, IPRT	FAC
Linn	Cedar Rapids	Eco Lips	IPRT Company Assistance-NDE	TAC
Linn	Hiawatha	Mobile Demand	IPRT Company Assistance-NDE	TAC
Linn	Cedar Rapids	Square D Company	IPRT Company Assistance-NDE	TAC
Linn	Cedar Rapids	Engineered Seal Products, Inc.	IPRT Company Assistance-Materials	TAC
Linn	Marion	Marion Mixers	IPRT Company Assistance-Materials	TAC
Linn	Cedar Rapids	Square D Company	IPRT Company Assistance-Materials	TAC
Linn	Cedar Rapids	Tucker Manufacturing Company, Inc.	IPRT Company Assistance-Materials	TAC
Linn	Cedar Rapids	Diamond V Mills	IPRT Company Assistance-Contract Research	TAC
Linn	Cedar Rapids	Soyawax	IPRT Company Assistance-Contract Research	TAC
Linn	Cedar Rapids	Cedar Rapids landowner	Community & Regional Planning	TCOM
Linn	Ely	zoning administrator	Community & Regional Planning	TCOM
Linn	Hiawatha	Hiawatha city planning commissioner	Community & Regional Planning	TCOM
Linn	Mount Vernon	attorney for Mt. Vernon Iowa	Community & Regional Planning	TCOM
Linn	Mount Vernon	League of Women Voters, Mt. Vernon IA	Community & Regional Planning	TCOM
Linn	Springville	Atty for Springville	Community & Regional Planning	TCOM
Linn	Cedar Rapids	Rockwell Collins	College of Engineering	TAC
Linn	Cedar Rapids	Alliant Energy	College of Engineering	TAC
Linn	Cedar Rapids	Rockwell Collins	College of Engineering	TAC
Linn	Cedar Rapids	MelIO3z	College of Engineering	TAC
Linn	Cedar Rapids	Creative Business Concepts	College of Engineering	BAC
Linn	Cedar Rapids	Howard R. Green Company	College of Engineering	FAC
Linn	Cedar Rapids	Iowa Quality Center	College of Engineering	FAC
Linn	Cedar Rapids	Blake Innovations	College of Engineering	BAC
Linn	Cedar Rapids	Kirkwood Community College	College of Engineering, Engr. Distance Educ.	PWD
Linn	Palo	Nuclear Management Company	College of Engineering, Engr. Distance Educ.	PWD
Linn	Cedar Rapids	Rockwell Collins	College of Engineering, Engr. Distance Educ.	PWD
Linn	Cedar Rapids	Square D Company	College of Engineering, Engr. Distance Educ.	PWD
Linn	Cedar Rapids	Geonetric, LLC	Office of Intellectual Property & Tech. Transf.	BAC
Linn	Cedar Rapids	Think Safe, Inc.	Office of Intellectual Property & Tech. Transf.	FAC
Linn	Ely	New Leaf Interactive Media	Office of Intellectual Property & Tech. Transf.	FAC
Linn	Ely	New Leaf Interactive Media	Office of Intellectual Property & Tech. Transf.	BAC
Linn	Cedar Rapids	James Hieres Consulting, Inc.	Office of Intellectual Property & Tech. Transf.	FAC
Linn	Cedar Rapids	Entrepreneurial Development Center, Inc.	Office of Intellectual Property & Tech. Transf.	FAC
Linn	Marion	SGS Design	Office of Intellectual Property & Tech. Transf.	FAC
Linn	Cedar Rapids	Diamond V Mills	ISU Research Foundation	TT
Linn	Vinton	Mayberry USA LLC	ISU Research Foundation	TT
Linn	Cedar Rapids	Overall Women Conference -- Wind Energy	Iowa Energy Center	FAC
Linn	Cedar Rapids	Penford Products	Iowa Energy Center	TAC
Linn	Cedar Rapids	Alliant Energy and various industrial customers	Iowa Energy Center	TAC
Linn	Cedar Rapids	Indian Creek Nature Center	Iowa Energy Center - Energy Resource Station	OCOM
Linn	Cedar Rapids	Indian Creek Nature Center	Iowa Energy Center - Energy Resource Station	TCOM

Linn	Cedar Rapids	Cedar Rapids	Families Extension	BCOM
Linn	C. Rapids/Marion	Cedar Rapids/Marion	Families Extension	PWD
Linn		Linn County	Families Extension	FAC
Linn	Cedar Rapids	Xavier School	Families Extension	PWD
Linn	Cedar Rapids	St Matthews School	Families Extension	PWD
Linn	Cedar Rapids	Culver's	Families Extension	PWD
Linn	Cedar Rapids	Chili's	Families Extension	PWD
Linn	Cedar Rapids	Discovery Living	Families Extension	PWD
Linn	Cedar Rapids	HyVee	Families Extension	PWD
Linn	Waterloo	Waterloo Public Schools	CTRE/Bridge Engr. Center	OCOM
Linn	Cedar Rapids	Cedar Rapids PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Linn	Hiawatha	Hiawatha PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Linn		Linn Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM
Linn	Marion	Marion PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Linn	Mount Vernon	Mount Vernon PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Linn		Linn County	CTRE/Local Technical Assistance Program	PWD
Linn	Cedar Rapids	City of Cedar Rapids	CTRE/Local Technical Assistance Program	PWD
Linn	Cedar Rapids	Cty of Cedar Rapids	CTRE/Local Technical Assistance Program	TCOM
Linn		Linn County	CTRE/Local Technical Assistance Program	PWD
Linn		Linn County	CTRE/Local Technical Assistance Program	PWD
Linn	Marion	City of Marion	CTRE/Roadway Infrastructure	TCOM
Linn	Cedar Rapids	Howard R green Consulting	CTRE/Roadway Infrastructure	TAC
Linn	Cedar Rapids	Ament, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Linn	Cedar Rapids	Anderson-Bogert Engineers	CTRE/Statewide Urban Design & Specs.	TAC
Linn	Cedar Rapids	Cedar Rapids	CTRE/Statewide Urban Design & Specs.	TAC
Linn	Cedar Rapids	Cedar Rapids Water Dept	CTRE/Statewide Urban Design & Specs.	TAC
Linn	Cedar Rapids	Chamness Technology	CTRE/Statewide Urban Design & Specs.	TAC
Linn	Alburnett	City of Alburnett	CTRE/Statewide Urban Design & Specs.	TAC
Linn	Cedar Rapids	City of Cedar Rapids	CTRE/Statewide Urban Design & Specs.	TAC
Linn	Marion	City of Marion	CTRE/Statewide Urban Design & Specs.	TAC
Linn	Cedar Rapids	Construction Materials, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Linn	Cedar Rapids	Dave Schmitt Construction Co., Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Linn	Cedar Rapids	Design Engineers, P.C.	CTRE/Statewide Urban Design & Specs.	TAC
Linn	Cedar Rapids	East Central IA Council of Governments	CTRE/Statewide Urban Design & Specs.	TAC
Linn	Cedar Rapids	F & E Paving Co.	CTRE/Statewide Urban Design & Specs.	TAC
Linn	Cedar Rapids	Howard R. Green Company	CTRE/Statewide Urban Design & Specs.	TAC
Linn	Cedar Rapids	Iowa DOT	CTRE/Statewide Urban Design & Specs.	TAC
Linn	Marion	Linn County	CTRE/Statewide Urban Design & Specs.	TAC
Linn	Cedar Rapids	Linn County Regional Plan. Commission	CTRE/Statewide Urban Design & Specs.	TAC
Linn	Marion	Rathye Construction Co.	CTRE/Statewide Urban Design & Specs.	TAC
Linn	Cedar Rapids	Shive Hattery	CTRE/Statewide Urban Design & Specs.	TAC
Linn	Cedar Rapids	Snyder & Associates, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Linn	Cedar Rapids	Wendling Quarries Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Linn	Marion	Genova Technologies	Industry Relations	PWD
Linn	Cedar Rapids	Diamond V Mills	Industry Relations	FAC
Linn		Event in Linn County	CIRAS	TAC
Linn	Cedar Rapids	American Profol Inc	CIRAS - Partners	TAC
Linn	Cedar Rapids	Americlean Cleaning	CIRAS	BAC
Linn	Cedar Rapids	Apache Hose & Belting Inc	CIRAS - Partners	TAC
Linn	Cedar Rapids	Diamond V Mills Inc	CIRAS	TAC
Linn	Cedar Rapids	Event in Linn County	CIRAS - Partners	BAC
Linn	Cedar Rapids	Event in Linn County	CIRAS - Partners	BAC
Linn	Cedar Rapids	Evergreen Packaging Equipment	CIRAS - Partners	TAC

	Linn	Cedar Rapids	Hunter's Specialties Inc	CIRAS - Partners	TAC	
	Linn	Cedar Rapids	Intersource	CIRAS	BAC	
	Linn	Cedar Rapids	Ledford Engineering Co Inc	CIRAS	TAC	
	Linn	Cedar Rapids	Ledford Engineering Co Inc	CIRAS	TAC	
	Linn	Cedar Rapids	Ledford Engineering Co Inc	CIRAS	TAC	
	Linn	Cedar Rapids	Norwood Souvenir	CIRAS - Partners	TAC	
	Linn	Cedar Rapids	Norwood Souvenir	CIRAS - Partners	TAC	
	Linn	Cedar Rapids	Soy UR Burning, Inc.	CIRAS	TAC	
	Linn	Hiawatha	J & A Printing Inc	CIRAS - Partners	TAC	
	Linn	Marion	K W Products Inc	CIRAS	BAC	
	Linn	Mount Vernon	US Nameplate Co Inc	CIRAS	TAC	
	Linn	Cedar Rapids	Rockwell Collins	College of Business	BAC	
	Linn	Cedar Rapids	Aegon	College of Business	FAC	
	Linn	Cedar Rapids	Anderson-Bogert Engineers	CTRE/IA Traffic Safety Data Service	TAC	
	Linn	Cedar Rapids	Applebee's	Families Extension	PWD	
Linn Count		136				136
	Louisa	Wapello	Louisa County Economic Development	College of Engineering	BCOM	
	Louisa	Wapello/Col Jct	Serv safe classes - total of 1	Families Extension	PWD	
	Louisa	Col Jct	Columbus Junction Schools	Families Extension	PWD	
	Louisa		Louisa County Health	Families Extension	PWD	
	Louisa		Louisa County Economic Development	Families Extension	PWD	
	Louisa		Louisa County Promise Jobs/ IWD	Families Extension	PWD	
	Louisa		Louisa Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Louisa	Wapello	Wapello PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Louisa		Louisa County Roads	CTRE/Local Technical Assistance Program	PWD	
	Louisa	Wapello	Louisa Development Group	Industry Relations	FAC	
	Louisa	Wapello	Grimm Brothers Plastics Corp	CIRAS - Partners	TAC	
	Louisa	Wapello	Southeast Iowa Nut Growers	CIRAS	TAC	
Louisa Count		12				12
	Lucas	Chariton	South Central Cooperative	ISU Research Farms	BAC	
	Lucas	Chariton	Rathbun Regional Conservation	ISU Research Farms	TAC	
	Lucas	Chariton	Chariton PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Lucas		Lucas Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Lucas		Lucas County	CTRE/Local Technical Assistance Program	PWD	
	Lucas	Chariton	City of Chariton	CTRE/Statewide Urban Design & Specs.	TAC	
	Lucas	Chariton	Iowa Telecom	Industry Relations	FAC	
Lucas Count		7				7
	Lyon	Rock Rapids	Lyon County Fair Board	ISU Research Farms	TAC	
	Lyon	Rock Rapids	Alpha Omega Publishing	Families Extension	PWD	
	Lyon		Lyon County	CTRE/Local Technical Assistance Program	PWD	
	Lyon	George	Sudenga Industries Inc	CIRAS	TAC	
	Lyon	Rock Rapids	MDH Machine	CIRAS	TAC	
	Lyon	Larchwood	Norvartis Animal Vaccines Inc	DNA Facility	TAC	
	Lyon		Lyon County	Arts & Design	TCOM	
Lyon Count		7				7
	Madison	Earlham	Earlham H S	Biotechnology Outreach Education Center	OCOM	
	Madison	Winterset	Winterset H S	Biotechnology Outreach Education Center	OCOM	
	Madison	Truro	Circle Wind Corp	Office of Intellectual Property & Tech. Transf.	BAC	
	Madison	Winterset	Madison Square Health Facility	Families Extension	PWD	
	Madison	Winterset	Madison County	CTRE/Bridge Engr. Center	TCOM	
	Madison		Madison Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Madison	Winterset	Winterset PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Madison	Winterset	City of Winterset	CTRE/Statewide Urban Design & Specs.	TAC	

Madison	Winterset	Madison County	CTRE/Statewide Urban Design & Specs.	TAC
	Winterset	Vance & Hochstetler, P.C.	CTRE/Statewide Urban Design & Specs.	TAC
Madison Count	10			10
Mahaska	New Sharon	North Mahaska H S	Biotechnology Outreach Education Center	OCOM
Mahaska	Oskaloosa	Oskaloosa H S	Biotechnology Outreach Education Center	OCOM
Mahaska	Oskaloosa	Interpower Corporation	IPRT Company Assistance-NDE	TAC
Mahaska	Oskaloosa	Interpower Corporation	IPRT Company Assistance-NDE	TAC
Mahaska	Oskaloosa	Interpower Corporation	IPRT Company Assistance-NDE	TAC
Mahaska	Oskaloosa	Interpower Corporation	IPRT Company Assistance-NDE	TAC
Mahaska	Oskaloosa	Interpower Corporation	IPRT Company Assistance-Materials	TAC
Mahaska	Oskaloosa	Congregational Church	Arts & Design	TCOM
Mahaska	Oskaloosa	Oskaloosa High School	Arts & Design	TCOM
Mahaska	Oskaloosa	Musco Lighting	College of Engineering	FAC
Mahaska	Oskaloosa	Mapleridge Assisted Living	Families Extension	PWD
Mahaska	Oskaloosa	Oskaloosa Community Schools	Families Extension	PWD
Mahaska	Oskaloosa	Wendy's	Families Extension	PWD
Mahaska	Oskaloosa	HyVee	Families Extension	PWD
Mahaska	Oskaloosa	Clow Mfg.	Families Extension	PWD
Mahaska	Oskaloosa	Mahaska County	CTRE/Bridge Engr. Center	TCOM
Mahaska	Oskaloosa	Oskaloosa PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Mahaska		Mahaska County	CTRE/Local Technical Assistance Program	PWD
Mahaska		Mahaska County	CTRE/Local Technical Assistance Program	PWD
Mahaska	Oskaloosa	City of Oskaloosa	CTRE/Statewide Urban Design & Specs.	TAC
Mahaska	Oskaloosa	Dickinson Company, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Mahaska	Oskaloosa	Dickinson Engineering	CTRE/Statewide Urban Design & Specs.	TAC
Mahaska	Oskaloosa	Garden & Assoc.	CTRE/Statewide Urban Design & Specs.	TAC
Mahaska	Oskaloosa	Mahaska County Hwy Dept	CTRE/Statewide Urban Design & Specs.	TAC
Mahaska	Oskaloosa	Partners Construction Services	CTRE/Statewide Urban Design & Specs.	TAC
Mahaska	Oskaloosa	Subsurface Construction, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Mahaska	Oskaloosa	Interpower Corporation	Industry Relations	FAC
Mahaska	Oskaloosa	Clow Valve Co	CIRAS	TAC
Mahaska		Mannatts Construction	CTRE/Construction Mgmt. & Technology	PWD
Mahaska		DOT Inspectors	CTRE/Construction Mgmt. & Technology	PWD
Mahaska Count	30			30
Marion	Knoxville	Knoxville Middle school	Biotechnology Outreach Education Center	OCOM
Marion	Melcher	Melcher Dallas H S	Biotechnology Outreach Education Center	OCOM
Marion	Pella	White Privilege Conference 100 Educators from Iowa	Curriculum & Instruction	PWD
Marion	Pella	Vermeer Manufacturing	CCUR & ABE	TT
Marion	Brooklyn	Creative Composites	CCUR & ABE	TT
Marion	Pella	Pella Corporation	IPRT Company Assistance-Materials	TAC
Marion	Pella	Pella Corporation	IPRT Company Assistance-Materials	TAC
Marion	Pella	Vermeer Manufacturing Company	IPRT Company Assistance-Materials	TAC
Marion	Pella	Vermeer Manufacturing Company	IPRT Company Assistance-Materials	TAC
Marion	Pella	Pella Corporation	College of Engineering	FAC
Marion	Pella	Vermeer	College of Engineering	FAC
Marion	Pella	Pella Corporation	College of Business	FAC
Marion	Pella	Central College	Iowa Energy Center - Energy Resource Station	OCOM
Marion	Pella	Pella Screen	Families Extension	OCOM
Marion	Pella	Vriendschap Village	Families Extension	PWD
Marion	Pella	Pella Corp	Families Extension	PWD
Marion		Marion County Engineer	CTRE/IA Traffic Safety Data Service	TCOM
Marion	Pella	City of Pella	CTRE/Local Technical Assistance Program	PWD
Marion		Marion County	CTRE/Local Technical Assistance Program	PWD

Marion		Marion County	CTRE/Local Technical Assistance Program	PWD
Marion		City of Knoxville	CTRE/Roadway Infrastructure	TCOM
Marion	Knoxville	Marion County	CTRE/Roadway Infrastructure	TCOM
Marion	Knoxville	Abie C. Davis P.E. & L.S.	CTRE/Statewide Urban Design & Specs.	TAC
Marion	Knoxville	City of Knoxville	CTRE/Statewide Urban Design & Specs.	TAC
Marion	Pella	City of Pella	CTRE/Statewide Urban Design & Specs.	TAC
Marion	Pleasantville	City of Pleasantville	CTRE/Statewide Urban Design & Specs.	TAC
Marion	Knoxville	Davis Excavation	CTRE/Statewide Urban Design & Specs.	TAC
Marion	Pella	Hooyer Construction, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Marion	Knoxville	Kieth Davis	CTRE/Statewide Urban Design & Specs.	TAC
Marion	Pella	Larry Peterson	CTRE/Statewide Urban Design & Specs.	TAC
Marion	Knoxville	Marion County	CTRE/Statewide Urban Design & Specs.	TAC
Marion	Pella	Pella Corporation	CTRE/Statewide Urban Design & Specs.	TAC
Marion	Bussey	Southern Iowa Asphalt, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Marion	Pella	TK CONCRETE, INC.	CTRE/Statewide Urban Design & Specs.	TAC
Marion	Pella	Vermeer Mfg.	CTRE/Statewide Urban Design & Specs.	TAC
Marion	Pella	Pella Corp.	Industry Relations	PWD
Marion	Knoxville	Sorgonal	Industry Relations	FAC
Marion	Pella	Pella Corp - Pella	CIRAS - Partners	TAC
Marion	Pella	Pella Corp - Pella	CIRAS - Partners	TAC
Marion	Pella	Precision Pulley & Idlers - Pella	CIRAS - Partners	TAC
Marion	Pella	Precision Pulley & Idlers - Pella	CIRAS - Partners	TAC
Marion	Pella	Precision Pulley & Idlers - Pella	CIRAS - Partners	TAC
Marion	Pella	Ring-O-Matic Manufacturing Co	CIRAS	BAC
Marion	Pella	Roose Manufacturing Co	CIRAS	BAC
Marion	Pella	Van Gorp Corp	CIRAS	BAC
Marion	Pella	Vermeer Manufacturing Co Inc	CIRAS	TAC

Marion Count

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Marshall	Marshalltown	AEA 267 Marshalltown	Biotechnology Outreach Education Center	OCOM
Marshall	Marshalltown	Marshalltown High Sch.	Biotechnology Outreach Education Center	OCOM
Marshall	Marshalltown	Mitchell School Science Club	Biotechnology Outreach Education Center	OCOM
Marshall	State Center	West Marshall High School	Biotechnology Outreach Education Center	OCOM
Marshall	Marshalltown	Woodbury Elementary School	Biotechnology Outreach Education Center	OCOM
Marshall	State Center	Rose Café	Textiles & Clothing	BAC
Marshall	State Center	Remarkable Rose Florist and Gift Shop	Textiles & Clothing	BAC
Marshall	Marshalltown	Iowa Fruit and Vegetable Growers Association	Hotel, Restaurant & Inst. Management	TAC
Marshall	Marshalltown	Anson Middle School	Community Vitality Center	BCOM
Marshall	Marshalltown	Iowa Valley Community College	Community Vitality Center	BCOM
Marshall	State Center	Eden Farms	ISU Extension	BAC
Marshall	Marshalltown	Fakespace	Virtual Reality Applications Center, IPRT	FAC, TAC
Marshall	Marshalltown	Marshall County	Landscape Architecture	OCOM
Marshall	State Center	City of State Center	Landscape Architecture/IDRO	BCOM
Marshall	State Center	Iowa Barn Foundation and State Center Mainstreet Office	Arts & Design	TCOM
Marshall	Marshalltown	Marshall County	Landscape Architecture	OCOM
Marshall	Marshalltown	Fisher Controls	College of Engineering	FAC
Marshall	Marshalltown	Consumers Energy	College of Engineering	FAC
Marshall	Marshalltown	Marshall Economic Development Impact Committee	College of Engineering	BCOM
Marshall	Marshalltown	Emerson Process Management	College of Engineering, Engr. Distance Educ.	PWD
Marshall	Marshalltown	Fakespace	College of Engineering, Engr. Distance Educ.	PWD
Marshall	Marshalltown	Fisher Controls	College of Engineering, Engr. Distance Educ.	PWD
Marshall	Marshalltown	Iowa Veterans Home	College of Engineering, Engr. Distance Educ.	PWD
Marshall	Marshalltown	Fisher Controls	College of Business	FAC
Marshall	Marshalltown	Boliver Law Firm	College of Business	FAC

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	Marshall	Marshalltown	Vermeer	College of Business	FAC	
	Marshall	Marshalltown	Youth Marketplace Program for Students	Pappajohn Center for Entrepreneurship	OCOM	
	Marshall		8 unidentified companies	Pappajohn Ctr. for Entrepreneurship/ISU SBDC	BAC	
	Marshall	Marshalltown	Bickford Cottage	Families Extension	PWD	
	Marshall	Marshalltown	Burger King	Families Extension	PWD	
	Marshall	Marshalltown	Culver's of Marshalltown	Families Extension	PWD	
	Marshall	Marshalltown	Prog.for ESL classes-representing many businesses	Families Extension	BWD	
	Marshall	Le Grand	Le Grand PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Marshall		Marshall Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Marshall	Marshalltown	Mid-Iowa Community Action	CTRE/IA Traffic Safety Data Service	OCOM	
	Marshall	Marshalltown	City of Marshalltown	CTRE/Local Technical Assistance Program	PWD	
	Marshall		Marshall County	CTRE/Local Technical Assistance Program	PWD	
	Marshall	Marshalltown	BDL Excavating	CTRE/Statewide Urban Design & Specs.	TAC	
	Marshall	Marshalltown	Brycon Comp	CTRE/Statewide Urban Design & Specs.	TAC	
	Marshall	Marshalltown	City of Marshalltown	CTRE/Statewide Urban Design & Specs.	TAC	
	Marshall	Marshalltown	Clapsaddle - Garber Associates	CTRE/Statewide Urban Design & Specs.	TAC	
	Marshall	Marshalltown	Marshall County Engineer	CTRE/Statewide Urban Design & Specs.	TAC	
	Marshall	Marshalltown	Regional Six Planning Commission	CTRE/Statewide Urban Design & Specs.	TAC	
	Marshall	Marshalltown	Consumers Energy	Industry Relations	FAC	
	Marshall	Marshalltown	Marshalltown Works	Industry Relations	FAC	
	Marshall	Marshalltown	Bruin Manufacturing Co	CIRAS	TAC	
	Marshall	Marshalltown	Lennox Industries Inc. - Marshalltown	CIRAS - Partners	TAC	
	Marshall	Marshalltown	Lennox Industries Inc. - Marshalltown	CIRAS - Partners	TAC	
	Marshall	Marshalltown	Lennox Industries Inc. - Marshalltown	CIRAS - Partners	TAC	
Marshall Count		49				49
	Mills	Glenwood	BBLC Glenwood Sch.	Biotechnology Outreach Education Center	OCOM	
	Mills	Malvern	Mills County Extension Office	Arts & Design	TCOM	
	Mills		Mills County Extension Office	Arts & Design	TCOM	
	Mills		Mills Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Mills		Mills County	CTRE/Local Technical Assistance Program	PWD	
	Mills	Sioux City	City of Sioux City	CTRE/Local Technical Assistance Program	PWD	
	Mills	Glenwood	Mills County	CTRE/Statewide Urban Design & Specs.	TAC	
	Mills	Glenwood	People Service	CTRE/Statewide Urban Design & Specs.	TAC	
	Mills		Mills County planning commissioner	Community & Regional Planning	TCOM	
Mills Count		9				9
	Mitchell	St. Ansgar	St. Ansgar High School	Biotechnology Outreach Education Center	OCOM	
	Mitchell	Carpenter	Johnson Livestock	ISU Extension	TAC	
	Mitchell	Osage	Tony Hefler Farm	ISU Extension	TAC	
	Mitchell	Osage	Steve Jensen Farm	ISU Extension	TAC	
	Mitchell	St. Ansgar	Absolute Energy	Ctr. for Sustainable Environmental Technologies, IPR	FAC	
	Mitchell	Osage	City of Osage	Landscape Architecture	OCOM	
	Mitchell	Osage	Mitchell County Conservation Board	Landscape Architecture	TAC	
	Mitchell	St. Ansgar	St. Ansgar Community School Board	Iowa Energy Center	TCOM	
	Mitchell	Osage	Osage Schools	Iowa Energy Center - BECON	OCOM	
	Mitchell	Osage	Osage Municipal Utilities	Iowa Energy Center - Energy Resource Station	OCOM	
	Mitchell	Osage	Mitchell Co Care Facility	Families Extension	OCOM	
	Mitchell	Osage	Fox River Mills	Families Extension	PWD	
	Mitchell		Mitchell Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Mitchell	Osage	Osage PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Mitchell		Mitchell County	CTRE/Local Technical Assistance Program	PWD	
	Mitchell	Osage	Fox River Mills Inc	CIRAS - Partners	TAC	
	Mitchell	Osage	Fox River Mills Inc	CIRAS - Partners	TAC	
	Mitchell	Osage	Fox River Mills Inc	CIRAS - Partners	TAC	

Mitchell Count	Mitchell	Osage	Moore Wallace	CIRAS - Partners	TAC	19		
	Monona	19	Mapleton	Maple Valley Anthon Oto School District	ISU Research Farms		OCOM	
	Monona		Mapleton	Monona County FFA/4-H	ISU Research Farms		OCOM	
	Monona		Mapleton	Monona County Pork Producers	ISU Research Farms		PWD	
	Monona		Mapleton	Monona County Beef Producers	ISU Research Farms		PWD	
	Monona		Castana	Monona County Beef Producers	ISU Extension		TAC	
	Monona		Castana	Monona County Biodiesel Group	CIRAS		BAC	
Monona Count	Monona		Whiting	Ansco Seed Inc	CIRAS	TAC		
		7				7		
	Monroe		Whiting	Whiting High School	Biotechnology Outreach Education Center		OCOM	
	Monroe		Albia	HyVee	Families Extension		PWD	
Monroe			Monroe County	CTRE/Local Technical Assistance Program	PWD			
Monroe Count	Monroe			Monroe County	CTRE/Local Technical Assistance Program	PWD		
	Monroe		Albia	Monroe County	CTRE/Statewide Urban Design & Specs.	TAC		
		5				5		
Montgomery Count	Montgomery		Villisca	Villisca Schools	Biotechnology Outreach Education Center	OCOM		
	Montgomery		Red Oak	Murphy Calendar Company Building	Arts & Design	TCOM		
	Montgomery		Red Oak	Red Oak Historical Society	Landscape Architecture	TAC, BCOM		
	Montgomery		Stanton	Stanton School Board	Iowa Energy Center - Energy Resource Station	OCOM		
	Montgomery		Red Oak	Dairy Queen	Families Extension	PWD		
	Montgomery		Red Oak	RO-MECH (Red Oak Mechanics)	Families Extension	PWD		
	Montgomery		Red Oak	Red Oak PD	CTRE/Gov. Traffic Safety Bureau	OCOM		
	Montgomery		Villisca	Villisca PD	CTRE/Gov. Traffic Safety Bureau	OCOM		
	Montgomery			Montgomery County Sheriff	CTRE/IA Traffic Safety Data Service	OCOM		
	Montgomery			Montgomery County	CTRE/Local Technical Assistance Program	PWD		
	Montgomery			Montgomery County	CTRE/Local Technical Assistance Program	PWD		
	Montgomery			Montgomery County	CTRE/Local Technical Assistance Program	PWD		
	Montgomery			Montgomery County	CTRE/Local Technical Assistance Program	PWD		
	Montgomery		Red Oak	JFSCO Engineering, PC	CTRE/Statewide Urban Design & Specs.	TAC		
	Montgomery		Red Oak	Neenah Foundry Co.	CTRE/Statewide Urban Design & Specs.	TAC		
	Montgomery		Red Oak	Fresco System	CIRAS - Partners	TAC		
	Montgomery		Red Oak	Fresco System	CIRAS - Partners	TAC		
	Montgomery		Red Oak	Interwest Service Ltd	CIRAS	TAC		
	Montgomery		Red Oak	ROMECH	CIRAS - Partners	TAC		
	Montgomery		Red Oak	ROMECH	CIRAS - Partners	TAC		
	Montgomery Count		20				20	
		Muscatine		West Liberty	West Liberty School	Biotechnology Outreach Education Center		OCOM
		Muscatine		West Liberty	Innovative Growers, L.L.C.	Office of Intellectual Property & Tech. Transf.		TT
Muscatine			Muscatine	Abbott & Associates	Innovations Development Facility - PSI	FAC		
Muscatine			Muscatine	Grain Processors Corp.	CCUR & FSHN	TT		
Muscatine			Muscatine	R3 Composites	CCUR & Chemistry	TT		
Muscatine			Muscatine	Grain Processors Corp.	CCUR, Chemistry, & Materials Science	TT		
Muscatine			Muscatine	HNI, Inc.	CCUR, FSHN, Chem, Arch, ABE, Mat Sci	FAC		
Muscatine			Muscatine	Grain Processing Corp.	CCUR	TAC		
Muscatine			Pella	Vermeer Manufacturing	CCUR & ABE	TT		
Muscatine			Ralston	West Central Cooperative - Adhesives Group	CCUR & FSHN	TT		
Muscatine			Muscatine	HNI, Inc.	CCUR, FSHN, Chem, Arch, ABE, Mat Sci	FAC		
Muscatine			Muscatine	Grain Processing Corporation	CCUR	TAC		
Muscatine			Manning	Iowa Community Entrepreneurship Academy	Community Vitality Center	TCOM		
Muscatine			West Liberty	Innovative Growers	ISU Extension	BAC		
Muscatine			Muscatine	Grain Processing Corporation	Center for Catalysis, IPRT	TAC		
Muscatine			Muscatine	Grain Processing Corporation	Ctr. for Sustainable Environmental Technologies, IPRFAC			

Muscatine	Muscatine	HON Company -- Howe Technical Center	IPRT Company Assistance-Materials	TAC
Muscatine	West Liberty	Ken's Welding, Inc.	IPRT Company Assistance-Materials	TAC
Muscatine	Muscatine	Grain Processing Corporation	IPRT Company Assistance-Contract Research	TAC
Muscatine	West Liberty	West Liberty Development	Landscape Architecture	OCOM
Muscatine	Muscatine	R-3 Composites	College of Engineering	FAC
Muscatine	Muscatine	HON Company	College of Engineering	FAC
Muscatine	HNI	Muscatine	College of Business	FAC
Muscatine	Muscatine	Greater Muscatine Chamber of Commerce and Industry	Office of Intellectual Property & Tech. Transf.	FAC
Muscatine	Muscatine	Northern Filter Media	Office of Intellectual Property & Tech. Transf.	FAC
Muscatine	Muscatine	Grain Processing Corporation	ISU Research Foundation	TT
Muscatine	Muscatine	Grain Processing Corporation	ISU Research Foundation	TT
Muscatine	Muscatine	Grain Processing Corporation	ISU Research Foundation	TT
Muscatine	Muscatine	Grain Processing Corporation	ISU Research Foundation	TT
Muscatine	Muscatine	Stanley Group	Iowa Energy Center - Energy Resource Station	TAC
Muscatine	Muscatine	Applebee's	Families Extension	PWD
Muscatine	West Liberty	West Liberty Foods	Families Extension	PWD
Muscatine	Muscatine	Grain Processing Corporation	Families Extension	TAC
Muscatine	Muscatine	Muscatine Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM
Muscatine	Muscatine	Muscatine PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Muscatine	Muscatine	Muscatine County	CTRE/Local Technical Assistance Program	PWD
Muscatine	Muscatine	City of Muscatine	CTRE/Roadway Infrastructure	TCOM
Muscatine	Fruitland	City of Fruitland	CTRE/Statewide Urban Design & Specs.	TAC
Muscatine	Muscatine	City of Muscatine	CTRE/Statewide Urban Design & Specs.	TAC
Muscatine	Muscatine	Muscatine Power & Water	CTRE/Statewide Urban Design & Specs.	TAC
Muscatine	Muscatine	Stanley Consultants	CTRE/Statewide Urban Design & Specs.	TAC
Muscatine	Muscatine	Sulzberger Excavating, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Muscatine	Muscatine	The Stanley Group	CTRE/Statewide Urban Design & Specs.	TAC
Muscatine	Muscatine	Abbott & Associates	Industry Relations	PWD
Muscatine	Muscatine	Abbott & Associates	Industry Relations	FAC
Muscatine	Muscatine	Greater Muscatine Chamber of Commerce and Industry	Industry Relations	FAC
Muscatine	Muscatine	HON Co	CIRAS	TAC
Muscatine	Muscatine	HON Co	CIRAS	FAC
Muscatine	Muscatine	OFC Panel Processing LLC	CIRAS	BAC

Muscatine Count

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O'brien	Sheldon	Sheldon Police Department	CTRE/IA Traffic Safety Data Service	OCOM
O'Brien	Paullina	South O'Brien School	Biotechnology Outreach Education Center	OCOM
O'Brien	Hartley	Taylor Seeds	Office of Intellectual Property & Tech. Transf.	TT
O'Brien	Primghar	O'Brien County Soil/Water Conservation District	ISU Research Farms	FAC
O'Brien	Sheldon	O'Brien County Beef Producers	ISU Extension	TAC
O'Brien	Hartley	City of Hartley	Landscape Architecture	OCOM
O'Brien	Paullina	South O'Brien Comm. School	Families Extension	PWD
O'Brien	Primghar	NW IA Health Center/RCF	Families Extension	PWD
O'Brien	Sheldon	NW IA Comm College	Families Extension	PWD
O'Brien	Sheldon	NW IA Health Center	Families Extension	PWD
O'Brien	Sheldon	Village NW Limited	Families Extension	PWD
O'Brien	Primghar	O'Brien County	CTRE/Bridge Engr. Center	TCOM
O'Brien	O'Brien	O'Brien Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM
O'Brien	Sheldon	Maintainer Corp Of IA	CIRAS - Partners	TAC
O'Brien	Sheldon	Maintainer Corp Of IA	CIRAS - Partners	TAC
O'Brien	Sheldon	Maintainer Corp Of IA	CIRAS - Partners	TAC
O'Brien	Sheldon	Maintainer Corp Of Iowa Inc	CIRAS	TAC
O'Brien	O'Brien	O'Brien County	Arts & Design	TCOM
O'Brien	Sheldon	Northwest Iowa CC	Office of Intellectual Property & Tech. Transf.	FAC

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O'brien Count	O'Brien	Sheldon	Serveral businesses were represented at a noon lunch	Families Extension	PWD	20
	Osceola	20				
	Osceola	Sibley	Osceola County Crop Clinic	Iowa Energy Center - BECON	BCOM	
	Osceola	Sibley	City of Sibley	CTRE/Statewide Urban Design & Specs.	TAC	
Osceola Count			Osceola County	Arts & Design	TCOM	3
		3				
	Page	Shenandoah	Shenandoah school	Biotechnology Outreach Education Center	OCOM	
	Page	Clarinda	Naturally Iowa	FSHN	TAC	
	Page	Clarinda	Naturally Iowa	Leopold Center for Sustainable Agriculture	BAC	
	Page	Clarinda	Clarinda Lutheran School	Community Vitality Center	BCOM	
	Page	Essex	Essex High School	Community Vitality Center	OCOM	
	Page	Clarinda	Clarinda Economic Development Group	College of Engineering	BCOM	
	Page	Shenandoah	Shenandoah Chamber and Industry Association	College of Engineering	BCOM	
	Page	Clarinda/Creston	Clarinda Economic Development Conference	Pappajohn Center for Entrepreneurship	BCOM	
	Page	Clarinda	Youth Marketplace Program for Students	Pappajohn Center for Entrepreneurship	OCOM	
	Page	Clarinda	Clarinda Regional Health Center	Families Extension	PWD	
	Page	Clarinda	Naturally Iowa	Families Extension	TAC	
	Page	Clarinda	Clarinda PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Page		Page County	CTRE/Local Technical Assistance Program	PWD	
	Page	Clarinda	Clarinda Economic Development Corporation	Industry Relations	FAC	
	Page		Event in Page County	CIRAS	TAC	
	Page	Braddyville	H & H Trailer	CIRAS	BAC	
Page Count			Event in Page County	CIRAS - Partners	TAC	17
		17				
	Palo Alto	Emmetsburg	Iowa Lakes Community College	Biotechnology Outreach Education Center	OCOM	
	Palo Alto	West Bend	Country Maid	FSHN	TAC	
	Palo Alto	Emmetsburg	Renewable Fuels, Inc.	Center for Nondestructive Evaluation, IPRT	TAC	
	Palo Alto	West Bend	Country Maid	Families Extension	TAC	
	Palo Alto	Graettinger	Shaver Manufacturing Co Inc	CIRAS	TAC	
Palo Alto Count			MaxYield Cooperative	CIRAS	BAC	6
		6				
	Plymouth	Lemars	City of Le Mars	CTRE/Statewide Urban Design & Specs.	TAC	
	Plymouth	LeMars	Northwest Iowa Civic Leadership Seminar Series	Community Vitality Center	BCOM	
	Plymouth	LeMars	Wells Blue Bunny	IPRT Company Assistance-NDE	TAC	
	Plymouth	LeMars	Wells Blue Bunny	IPRT Company Assistance-Materials	TAC	
	Plymouth	LeMars	Wells Blue Bunny	Families Extension	PWD	
	Plymouth	Akron	Community of Akron	Families Extension	PWD	
	Plymouth	Le Mars	Community of Le Mars	Families Extension	PWD	
	Plymouth	Le Mars	Wells Blue Bunny	Families Extension	PWD	
	Plymouth	LeMars	BoDeans Baking Company	Families Extension	TAC	
	Plymouth	LeMars	Harker's Foods	Families Extension	PWD	
	Plymouth	Akron	Akron PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Plymouth	Hinton	Hinton PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Plymouth	Merrill	Merrill PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Plymouth	Le Mars	Le Mars Police Department	CTRE/IA Traffic Safety Data Service	OCOM	
	Plymouth		Plymouth County	Arts & Design	TCOM	
	Plymouth	Akron	Akron Chamber of Commerce	Families Extension	PWD	
	Plymouth	LeMars	Wells Dairy	Families Extension	PWD	
	Plymouth	Remsen	Mid-Sioux Opportunity	Families Extension	PWD	
	Plymouth	LeMars	Floyd Valley Hospital	Families Extension	PWD	
	Plymouth	LeMars	LeMars Wellness Center	Families Extension	PWD	
Plymouth Count			Plymouth County Board of Supervisors	Landscape Architecture	OCOM	21
		21				

Pocahontas	Pocahontas	City of Pocahontas	Landscape Architecture	OCOM
Pocahontas		County Economic Development Commission	Families Extension	TT
Pocahontas		Barn Quilts of Pocahontas County	Families Extension	BCOM
Pocahontas		Pocahontas County Foundation	Families Extension	BCOM
Pocahontas	Rolfe	Dairy Coalition for Pocahontas County	Families Extension	FAC
Pocahontas	Pocahontas	Pocahontas County	Families Extension	BCOM
Pocahontas	Pocahontas	Pocahontas	Families Extension	FAC
Pocahontas		Pocahontas County	CTRE/Local Technical Assistance Program	PWD
Pocahontas	Pocahontas	Pocahontas County Economic Development	Industry Relations	FAC
Pocahontas	Laurens	Bobalee Inc	CIRAS	TAC
Pocahontas	Laurens	Positech	CIRAS	TAC

Pocahontas Count

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Polk	Des Moines	Feed Energy Company	Industry Relations	FAC
Polk	Des Moines	Brody Middle School, Des Moines	Biotechnology Outreach Education Center	OCOM
Polk	Des Moines	Central Academy	Biotechnology Outreach Education Center	OCOM
Polk	West Des Moines	Crestview School	Biotechnology Outreach Education Center	OCOM
Polk	Des Moines	Des Moines School	Biotechnology Outreach Education Center	OCOM
Polk	Des Moines	Des Moines University	Biotechnology Outreach Education Center	OCOM
Polk	West Des Moines	Dowling High School	Biotechnology Outreach Education Center	OCOM
Polk	Des Moines	East High School	Biotechnology Outreach Education Center	OCOM
Polk	Des Moines	Heartland AEA 11	Biotechnology Outreach Education Center	OCOM
Polk	Des Moines	Hoover H S	Biotechnology Outreach Education Center	OCOM
Polk	West Des Moines	Iowa Christian Academy	Biotechnology Outreach Education Center	OCOM
Polk	Johnston	IPTV, Johnston	Biotechnology Outreach Education Center	OCOM
Polk	Johnston	Johnston High School	Biotechnology Outreach Education Center	OCOM
Polk	Johnston	Johnston Middle School	Biotechnology Outreach Education Center	OCOM
Polk	West Des Moines	Jordan Creek Elementary, West Des Moines	Biotechnology Outreach Education Center	OCOM
Polk	Des Moines	Lincoln H S	Biotechnology Outreach Education Center	OCOM
Polk	West Des Moines	Miller Middle School	Biotechnology Outreach Education Center	OCOM
Polk	Ankeny	Parkview Middle School	Biotechnology Outreach Education Center	OCOM
Polk	Des Moines	Perkins Academy school	Biotechnology Outreach Education Center	OCOM
Polk	Runnells	SE Polk High School	Biotechnology Outreach Education Center	OCOM
Polk	Des Moines	St. Augustin class, Des Moines	Biotechnology Outreach Education Center	OCOM
Polk	Des Moines	St. Theresa School, Des Moines	Biotechnology Outreach Education Center	OCOM
Polk	Des Moines	Stilwell Middle School, Des Moines	Biotechnology Outreach Education Center	OCOM
Polk	West Des Moines	Valley High Sch.	Biotechnology Outreach Education Center	OCOM
Polk	West Des Moines	Valley Southwoods	Biotechnology Outreach Education Center	OCOM
Polk	Des Moines	Walnut Creek Alternative High School Des Moines	Biotechnology Outreach Education Center	OCOM
Polk	Des Moines	Iowa Network of Community Agriculture	Hotel, Restaurant & Inst. Management	TAC, FAC
Polk	Des Moines	Iowa School Nutrition Association	Hotel, Restaurant & Inst. Management	OCOM
Polk	Des Moines	IA Dept. of Educ. Science for ELL learners Conference	Curriculum & Instruction	PWD
Polk	Des Moines	IA Dept. of Educ Content Area Network Reading	Curriculum & Instruction	PWD
Polk	Des Moines Catholic Diocese	Science Writing Heuristic	Curriculum & Instruction	PWD
Polk	Ankeny	Heartland AEA	Curriculum & Instruction	PWD
Polk	Ankeny	Heartland AEA	Curriculum & Instruction	PWD
Polk	Ankeny	Heartland AEA	Curriculum & Instruction	PWD
Polk	Ankeny	Heartland	Curriculum & Instruction	PWD
Polk	Des Moines	Iowa Dept. of Education	Curriculum & Instruction	PWD
Polk	Des Moines	Iowa Dept. of Education	Curriculum & Instruction	PWD
Polk	Des Moines	Iowa Behavioral Alliance Workshop	Curriculum & Instruction	PWD
Polk	Johnston	HR-One Source	Innovations Development Facility - PSI	FAC
Polk	Ankeny	Monsanto	Innovations Development Facility - PSI	FAC
Polk	Johnston	Pioneer / DuPont	Innovations Development Facility - PSI	FAC

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Polk	West Des Moines	Transition Capital Management	Innovations Development Facility - PSI	FAC
Polk	Johnston	Pioneer/Dupont	Center for Designing Foods to Improve Nutrition	FAC
Polk	Ankeny	Monsanto Co.	CCUR	FAC
Polk	Johnston	Pioneer Hi-Bred Int'l., Inc	CCUR & Economics	TAC
Polk	Des Moines	Kemin Food Ingredients	CCUR	BAC
Polk	Ankeny	AgResources Development Group	CCUR & FSHN	FAC
Polk	Ankeny	Proliant, LLC	CCUR	BAC
Polk	Ankeny	AGS, Inc.	ABE & CCUR	TAC
Polk	Johnston	Pioneer Hi-Bred Int'l., Inc	CCUR	FAC
Polk	Ankeny	AGS, Inc.	ABE & CCUR	TAC
Polk	Ankeny	Monsanto	Agronomy	PWD
Polk	Des Moines	Kemin Industries	Animal Science	BAC
Polk	Des Moines	Kemin Industries	Animal Science	TAC
Polk	Des Moines	Kemin Food Ingredients	CCUR	BAC
Polk	Ankeny	Proliant, LLC	CCUR	BAC
Polk	Ankeny	Monsanto Co.	CCUR	FAC
Polk	Johnston	Pioneer Hi-Bred Int'l., Inc	CCUR	FAC
Polk	Johnston	Pioneer Hi-Bred Int'l., Inc	CCUR & Economics	TAC
Polk	Ankeny	AgResources Development Group	CCUR & FSHN	FAC
Polk	Des Moines	Kemin Foods	CCUR	TAC
Polk	Ankeny	Proliant, Inc.	CCUR	TAC
Polk	Des Moines	Iowa Department of Public Health	Economics	OCOM
Polk	Des Moines	Iowa Department of Economic Development	FSHN	FAC
Polk	Des Moines	Heartland Field	FSHN	TAC
Polk	Des Moines	Insta-Pro International	FSHN	TAC
Polk	Des Moines	Kemin Industries	FSHN	TAC
Polk	Des Moines	Kemin Foods	FSHN	TAC
Polk	Des Moines	Ajinomoto U.S.A.	FSHN	TAC
Polk	Des Moines	Triple "F" Inc.	NASA Food Technology Commercial Space Ctr.	TAC
Polk	Des Moines	Rural Iowa Independent Telephone Association	North Central Regional Ctr. for Rural Dev.	BAC
Polk	Des Moines	Iowa Department of Education	Center for Survey Statistics & Methodology	OCOM
Polk	Des Moines	Iowa Department of Revenue	Statistics	OCOM
Polk	Des Moines	Iowa State Bar Association	Center for Survey Statistics & Methodology	OCOM
Polk	Des Moines	Wells Fargo	Statistics	TAC
Polk	Johnston	Pioneer	Statistics	TAC
Polk	Des Moines	Agribusiness Association of Iowa	Iowa Grain Quality Initiative	TAC
Polk	Des Moines	Iowa Cattlemen's Association	Value Added Agriculture Program	FAC
Polk	West Des Moines	Goodrich/Delavan Turbine Fuel Technologies	Center for Nondestructive Evaluation, IPRT	TAC
Polk	Des Moines	Iowa Farm Bureau	Ctr. for Sustainable Environmental Technologies, IPR	FAC
Polk	Ankeny	Iowa Division of Criminal Investigation Crime Laboratory	Midwest Forensics Resource Center, IPRT	OCOM, PWD
Polk	Des Moines	Des Moines Police Department	Midwest Forensics Resource Center, IPRT	OCOM, PWD
Polk	Des Moines	Principal Financial Group	Virtual Reality Applications Center, IPRT	FAC
Polk	Ankeny	John Deere Des Moines Works	IPRT Company Assistance-NDE	TAC
Polk	Ankeny	John Deere Des Moines Works	IPRT Company Assistance-NDE	TAC
Polk	Des Moines	LB&B Associates, Inc	IPRT Company Assistance-NDE	TAC
Polk	Des Moines	Titan Tire Corporation	IPRT Company Assistance-NDE	TAC
Polk	Des Moines	EMCO Enterprises, Inc.	IPRT Company Assistance-Materials	TAC
Polk	Des Moines	Forman Ford Glass Company	IPRT Company Assistance-Materials	TAC
Polk	Des Moines	Standard Bearing Company	IPRT Company Assistance-Materials	TAC
Polk	Des Moines	Superflow Technologies	IPRT Company Assistance-Materials	TAC
Polk	Carlisle	General Mills, Inc.	IPRT Company Assistance-Contract Research	TAC
Polk	Alleman	City of Alleman	Landscape Architecture	BCOM
Polk	Ankeny	City of Ankeny	Landscape Architecture	BAC

Polk	Carlisle	County Master Gardeners	Landscape Architecture	OCOM
Polk	Clive	Homeowner's Association	Landscape Architecture	TCOM
Polk	Des Moines	Capitol Heights Neighborhood	Landscape Architecture	OCOM
Polk	Des Moines	Des Moines Art Fair	Arts & Design	TCOM
Polk	Des Moines	Des Moines home	Arts & Design	TCOM
Polk	Des Moines	Iowa Department of Economic Development	Community & Regional Planning	TAC
Polk	Des Moines	Professions, real estate	Landscape Architecture, Community & Regional Plan	PWD
Polk	Mitchellville	City clerk	Community & Regional Planning	TCOM
Polk	West Des Moines	City of West Des Moines, Beaverdale Neighborhood Assoc.	Landscape Architecture, Community & Regional Plan	BCOM
Polk	Des Moines	Mid American Energy	College of Engineering	TAC
Polk	Urbandale	BIZSTART	College of Engineering	FAC
Polk	Des Moines	Weitz Company	College of Engineering	FAC
Polk	Des Moines	Compressor Controls Company	College of Engineering	FAC
Polk	Des Moines	Iowa Farm Bureau	College of Engineering	FAC
Polk	Des Moines	Smart Solutions, Inc.	College of Engineering	FAC
Polk	Des Moines	The Greater Des Moines Partnership	College of Engineering	BCOM
Polk	Des Moines	City of Des Moines	College of Engineering, Engr. Distance Educ.	PWD
Polk	Des Moines	AIB College of Business	College of Engineering, Engr. Distance Educ.	PWD
Polk	Urbandale	Lement Claibourne	College of Engineering, Engr. Distance Educ.	PWD
Polk	Urbandale	Compressor Controls Company	College of Engineering, Engr. Distance Educ.	PWD
Polk	Ankeny	DMACC	College of Engineering, Engr. Distance Educ.	PWD
Polk	West Des Moines	FBL Financial Group	College of Engineering, Engr. Distance Educ.	PWD
Polk	Des Moines	Federal Home Loan Bank Des Moines	College of Engineering, Engr. Distance Educ.	PWD
Polk	West Des Moines	GeoLearning	College of Engineering, Engr. Distance Educ.	PWD
Polk	West Des Moines	Guide One	College of Engineering, Engr. Distance Educ.	PWD
Polk	West Des Moines	IFMC	College of Engineering, Engr. Distance Educ.	PWD
Polk	Ankeny	Iowa Association of Municipal Utilities	College of Engineering, Engr. Distance Educ.	PWD
Polk	West Des Moines	Iowa Foundation for Medical Care	College of Engineering, Engr. Distance Educ.	PWD
Polk	Ankeny	John Deere	College of Engineering, Engr. Distance Educ.	PWD
Polk	Urbandale	John Deere	College of Engineering, Engr. Distance Educ.	PWD
Polk	Des Moines	Kemin Industries	College of Engineering, Engr. Distance Educ.	PWD
Polk	Des Moines	Life Care Services	College of Engineering, Engr. Distance Educ.	PWD
Polk	Des Moines	Mercy Medical	College of Engineering, Engr. Distance Educ.	PWD
Polk	Clive	National Pork Board	College of Engineering, Engr. Distance Educ.	PWD
Polk	Des Moines	NCR	College of Engineering, Engr. Distance Educ.	PWD
Polk	Urbandale	Regulus Group LLC	College of Engineering, Engr. Distance Educ.	PWD
Polk	Des Moines	State of Iowa	College of Engineering, Engr. Distance Educ.	PWD
Polk	Johnston	Syrmel Inc.	College of Engineering, Engr. Distance Educ.	PWD
Polk	Ankeny	University Hygienic Laboratory	College of Engineering, Engr. Distance Educ.	PWD
Polk	Ankeny	University of Iowa	College of Engineering, Engr. Distance Educ.	PWD
Polk	Des Moines	Wells Fargo Financial	College of Engineering, Engr. Distance Educ.	PWD
Polk	Polk City	Wolin and Associates	College of Engineering, Engr. Distance Educ.	PWD
Polk	Ankeny	Mrs. Clark's Foods	College of Business	TAC
Polk	Des Moines	The Principal Financial Group	College of Business	TAC
Polk	Des Moines	Greater Des Moines Partnership	College of Business	BCOM
Polk	Ankeny	American Protein Corporation	College of Business	FAC
Polk	Des Moines	The Ted Williams Group	College of Business	FAC
Polk	Des Moines	Zumi Collections	College of Business	BAC
Polk	Des Moines	Kurtz Hardware	College of Business	BAC
Polk	Des Moines	Iowa Department of Corrections	College of Business	FAC
Polk	Des Moines	IDED	Office of Intellectual Property & Tech. Transf.	BCOM
Polk	Des Moines	Feed Energy Company	Office of Intellectual Property & Tech. Transf.	BAC
Polk	Urbandale	CO2 Technologies	Office of Intellectual Property & Tech. Transf.	BAC

Polk	Urbandale	Bizstarts, LLC	Office of Intellectual Property & Tech. Transf.	BAC
Polk	Des Moines	Sciengistics, Inc.	Office of Intellectual Property & Tech. Transf.	BAC
Polk	Des Moines	Diverse Solutions Group	Office of Intellectual Property & Tech. Transf.	BAC
Polk	West Des Moines	Magnet Array	Office of Intellectual Property & Tech. Transf.	BAC
Polk	Ankeny	Morrow Energy	Office of Intellectual Property & Tech. Transf.	FAC
Polk	Urbandale	Model Technologies, Inc	Office of Intellectual Property & Tech. Transf.	FAC
Polk	Ankeny	Iowa Community Colleges Economic Development Representatives	Office of Intellectual Property & Tech. Transf.	FAC
Polk	Ankeny	ADG International	Office of Intellectual Property & Tech. Transf.	BAC
Polk	West Des Moines	ABC Virtual	Office of Intellectual Property & Tech. Transf.	BAC
Polk	Johnston	Pioneer Hi-Bred International, Inc.	ISU Research Foundation	TT
Polk	Des Moines	Iowa Soybean Promotion Board	ISU Research Foundation	TT
Polk	Des Moines	Iowa Soybean Promotion Board	ISU Research Foundation	TT
Polk	Johnston	Iowa Corn Promo Board	ISU Research Foundation	TT
Polk	Johnston	Iowa Corn Promo Board	ISU Research Foundation	TT
Polk	Des Moines	State Fair	Iowa Energy Center	FAC
Polk	Des Moines	State Fair	Iowa Energy Center	FAC
Polk	Clive	Private entrepreneur	Iowa Energy Center	TAC
Polk	Des Moines	MidAmerican Energy and various industrial customers	Iowa Energy Center	TAC
Polk	Des Moines	JOWL (German Wind Developer) w/ IDED	Iowa Energy Center	BAC
Polk	West Des Moines	Iowa Farm Bureau Energy Committee	Iowa Energy Center - BECON	FAC
Polk	West Des Moines	Iowa Farm Bureau Federation	Iowa Energy Center - BECON	FAC
Polk	Des Moines	Iowa Environmental Council	Iowa Energy Center - BECON	FAC
Polk	Des Moines	Ziegler Cat	Iowa Energy Center - BECON	TAC
Polk	Ankeny	Des Moines Area Community College	Iowa Energy Center - Energy Resource Station	OCOM
Polk	Des Moines	Des Moines Public Schools	Iowa Energy Center - Energy Resource Station	OCOM
Polk	Ankeny	DMACC Administrative Assistant Students	Iowa Energy Center - Energy Resource Station	OCOM
Polk	Ankeny	DMACC HVAC students (Testing and Balancing)	Iowa Energy Center - Energy Resource Station	OCOM
Polk	Ankeny	Geothermal Design Workshop Presentations (3 sessions)	Iowa Energy Center - Energy Resource Station	TAC
Polk	Ankeny	Iowa Assoc of Municipal Utilities	Iowa Energy Center - Energy Resource Station	TAC
Polk	Ankeny	International Energy Agency	Iowa Energy Center - Energy Resource Station	TAC
Polk	Des Moines	Lighting Associates	Iowa Energy Center - Energy Resource Station	TAC
Polk	Elkhart	St Mary's Holy Cross Catholic Church	Iowa Energy Center - Energy Resource Station	TAC
Polk	Des Moines	ACCI	Iowa Energy Center - Energy Resource Station	TAC
Polk	Des Moines	State Building Code Bureau	Iowa Energy Center - Energy Resource Station	TAC
Polk	Urbandale	Madison County Winery	Iowa Energy Center - Energy Resource Station	TAC
Polk	Des Moines	Aubert's Home Improvement	Iowa Energy Center - Energy Resource Station	TAC
Polk	Ankeny	Geothermal Solutions, Inc.	Iowa Energy Center - Energy Resource Station	TAC
Polk		8 unidentified companies	Pappajohn Ctr. for Entrepreneurship/ISU SBDC	BAC
Polk	Des Moines	5-A-Day Coalition	Families Extension	TAC
Polk	Des Moines	American Family Insurance	Families Extension	BWD
Polk	West Des Moines	Farm Bureau	Families Extension	BWD
Polk	Des Moines	EMC	Families Extension	BWD
Polk	Des Moines	Drake University	Families Extension	BWD
Polk	Des Moines	Grandview College	Families Extension	BWD
Polk	Urbandale	Triple F	Families Extension	BAC
Polk	Des Moines	State Electrical Coop	Families Extension	BWD
Polk	Ankeny	John Deere	Families Extension	BWD
Polk	Des Moines	Primary Health Care Staff	Families Extension	BWD
Polk	Des Moines	EMC Insurance	Families Extension	PWD
Polk	Des Moines	Principal Insurance	Families Extension	PWD
Polk	Ankeny	DMACC	Families Extension	PWD
Polk	Urbandale	Bear Creek Coffee	Families Extension	PWD
Polk	Des Moines	Bernie Lorenz Recovery	Families Extension	PWD

Polk	West Des Moines	Beyond the Grain	Families Extension	PWD
Polk	West Des Moines	Bickford Cottage	Families Extension	PWD
Polk	Des Moines	Burger King	Families Extension	PWD
Polk	Johnston	Camp Dodge (Blackstone Consulting)	Families Extension	PWD
Polk	Ankeny	Chili's Grill & Bar	Families Extension	PWD
Polk	Des Moines	Compass Group (Eurest)	Families Extension	PWD
Polk	Ankeny	Culver's of Ankeny	Families Extension	PWD
Polk	Des Moines	Culver's of Des Moines	Families Extension	PWD
Polk	Des Moines	Dairy Queen	Families Extension	PWD
Polk	Grimes	Dallas Center-Grimes Schools	Families Extension	PWD
Polk	Des Moines	Des Moines Marriott Hotel	Families Extension	PWD
Polk	Des Moines	Embassy Club	Families Extension	PWD
Polk	Des Moines	Famous Wok Teriyaki	Families Extension	PWD
Polk	Des Moines	Food Bank of Iowa	Families Extension	PWD
Polk	Carlisle	G&K Services	Families Extension	PWD
Polk	Ankeny	H & H Food Service	Families Extension	PWD
Polk	Des Moines	ING of Iowa	Families Extension	PWD
Polk	Johnston	Johnston Schools	Families Extension	PWD
Polk	Urbandale	Living History Farms	Families Extension	PWD
Polk	West Des Moines	MaggieMoos Ice Cream and Treatery	Families Extension	PWD
Polk	Des Moines	Maid-Rite Corporation	Families Extension	PWD
Polk	Ankeny	Midwest Dairy Association	Families Extension	PWD
Polk	Ankeny	New Horizons Adult Day Care	Families Extension	PWD
Polk	Ames	Okoboji Bar & Grill	Families Extension	PWD
Polk	Des Moines	Okoboji Bar & Grill	Families Extension	PWD
Polk	Johnston	Okoboji Bar & Grill	Families Extension	PWD
Polk	Des Moines	On the Border	Families Extension	PWD
Polk	Clive	Outback Steakhouse	Families Extension	PWD
Polk	Urbandale	Quick Trip	Families Extension	PWD
Polk	Des Moines	Renaissance Savery Hotel	Families Extension	PWD
Polk	Des Moines	Science Center of Iowa	Families Extension	PWD
Polk	West Des Moines	St. Francis of Assisi	Families Extension	PWD
Polk	West Des Moines	T.G.I. Friday's	Families Extension	PWD
Polk	West Des Moines	Taco Bell	Families Extension	PWD
Polk		Taher Food Management	Families Extension	PWD
Polk	Des Moines	The Rose of Des Moines	Families Extension	PWD
Polk	Mitchellville	TJ's Tap Bar & Grill	Families Extension	PWD
Polk	Johnston	Trostel's Greenbriar Restaurant	Families Extension	PWD
Polk	West Des Moines	Valley West Pub and Grill	Families Extension	PWD
Polk	West Des Moines	West Des Moines Comm. Schools	Families Extension	PWD
Polk	Des Moines	Willow Creek Golf Course	Families Extension	PWD
Polk	Ankeny	Mrs. Clarks	Families Extension	TAC
Polk	Des Moines	Anderson Erickson	Families Extension	TAC
Polk	Des Moines	Medipharm	Families Extension	TAC
Polk	Des Moines	Kemin Industries	Families Extension	TAC
Polk	Des Moines	Hubbell Homes	Human Dev. & Fam. Studies Extension	TAC
Polk	Des Moines	Polk County	CTRE/Bridge Engr. Center	TCOM
Polk	Des Moines	Des Moines Public Schools	CTRE/Bridge Engr. Center	OCOM
Polk	Des Moines	City of Des Moines	CTRE/Bridge Engr. Center	OCOM
Polk	Ankeny	City of Ankeny	CTRE/Bridge Engr. Center	OCOM
Polk	Des Moines	Structural Engineers of Iowa	CTRE/Bridge Engr. Center	OCOM
Polk	Des Moines	Nelson Stud Welding	CTRE/Bridge Engr. Center	TAC
Polk	Des Moines	American Concrete Institute	CTRE/Bridge Engr. Center	TCOM

Polk	Des Moines	Shuck Britson	CTRE/Bridge Engr. Center	TAC
Polk	Des Moines	Cretex Concrete Products Midwest	CTRE/Bridge Engr. Center	TAC
Polk	Des Moines	Iowa Prestressed Concrete	CTRE/Bridge Engr. Center	TAC
Polk	Des Moines	United Contractors	CTRE/Bridge Engr. Center	TAC
Polk	Des Moines	Cramer and Associates	CTRE/Bridge Engr. Center	TAC
Polk	Altoona	Altoona PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Polk	Clive	Clive PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Polk	Des Moines	Des Moines PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Polk	Des Moines	IA DNR	CTRE/Gov. Traffic Safety Bureau	OCOM
Polk	Mitchellville	Mitchellville PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Polk		Polk Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM
Polk	Urbandale	Urbandale PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Polk	West Des Moines	West Des Moines PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Polk	Altoona	Altoona Police Department	CTRE/IA Traffic Safety Data Service	OCOM
Polk	Des Moines	City of Des Moines	CTRE/IA Traffic Safety Data Service	TCOM
Polk	Des Moines	Governors Traffic Safety Bureau (GTSB)	CTRE/IA Traffic Safety Data Service	OCOM
Polk	Des Moines	Iowa Department of Public Health	CTRE/IA Traffic Safety Data Service	OCOM
Polk	Des Moines	Iowa Department of Transportation (DOT)	CTRE/IA Traffic Safety Data Service	TAC
Polk	Polk City	Schultz Group	CTRE/IA Traffic Safety Data Service	TAC
Polk	Windsor Heights	Windsor Heights Police Department	CTRE/IA Traffic Safety Data Service	OCOM
Polk	Johnston	City of Johnston	CTRE/Local Technical Assistance Program	PWD
Polk	West Des Moines	Iowa DOT - Des Moines West	CTRE/Local Technical Assistance Program	PWD
Polk		Polk County Public Works	CTRE/Local Technical Assistance Program	PWD
Polk	West Des Moines	City of West Des Moines	CTRE/Local Technical Assistance Program	PWD
Polk	Des Moines	City of Des Moines	CTRE/Local Technical Assistance Program	PWD
Polk	West Des Moines	City of West Des Moines	CTRE/Local Technical Assistance Program	PWD
Polk	Des Moines	City of Des Moines	CTRE/Local Technical Assistance Program	TCOM
Polk	West Des Moines	City of West Des Moines	CTRE/Local Technical Assistance Program	PWD
Polk	Des Moines	Iowa State Fair Police	CTRE/Roadway Infrastructure	TCOM
Polk	Des Moines	Iowa Events Center	CTRE/Roadway Infrastructure	TAC
Polk	Des Moines	DSM Downtown Alliance	CTRE/Roadway Infrastructure	TAC
Polk	Des Moines	DSM MTA	CTRE/Roadway Infrastructure	TAC
Polk	Clive	City of Clive	CTRE/Roadway Infrastructure	TCOM
Polk	Des Moines	City of Des Moines	CTRE/Roadway Infrastructure	TCOM
Polk	Johnston	City of Johnston	CTRE/Roadway Infrastructure	TCOM
Polk	Pleasant Hill	City of Pleasant Hill	CTRE/Roadway Infrastructure	TCOM
Polk	Urbandale	City of Urbandale	CTRE/Roadway Infrastructure	TCOM
Polk	Des Moines	A. Leo Pelds Engineering	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Grimes	ABACI Consulting	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	ACG Of Iowa	CTRE/Statewide Urban Design & Specs.	TAC
Polk	West Des Moines	Advanced Drainage Systems	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Grimes	Aldrich Land Surveys, Inc	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Urbandale	Allender Butzke Engineers	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Andrew J. Parsons	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Architects Smith Metzger	CTRE/Statewide Urban Design & Specs.	TAC
Polk	West Des Moines	Architects Wells Kastner Schipper	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Urbandale	Arterra Group Ltd.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Assoc Gen Contractors of IA	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Associated Engineering Co. of IA	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Baker Electric	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Baker Group	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Barker LeMar & Associates	CTRE/Statewide Urban Design & Specs.	TAC
Polk	West Des Moines	Barker Lemar Engineering Consultants	CTRE/Statewide Urban Design & Specs.	TAC

Polk	West Des Moines	Bartlett & West Engineers, Inc	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Urbandale	Becker Construction	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Urbandale	Bishop Engineering	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Bowen Contractors	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Breiholz Construction Company	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Brian Clark and Associates	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Urbandale	Brocon Services	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Brooks, Borg, Skiles	CTRE/Statewide Urban Design & Specs.	TAC
Polk	West Des Moines	Brown Engineering	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Johnston	CAC	CTRE/Statewide Urban Design & Specs.	TAC
Polk	West Des Moines	Calhoun-Burns Associates	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Capital Sitework and Design, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	CEC	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Urbandale	Central IA Regional Trans Plan Alliance	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Central Iowa Heating Company	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	CH2M Hill, Inc	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	City Hall, Traffic Engineering	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Altoona	City of Altoona	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Ankeny	City of Ankeny	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Bondurant	City of Bondurant	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Clive	City of Clive	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Ankeny	City of Colfax - Snyder	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	City of Des Moines	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	City of Des Moines, Traffic Div, Engineering	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	City of Des Moines - WWTP	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Johnston	City of Johnston	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Mitchellville	City of Mitchellville	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Pleasant Hill	City of Pleasant Hill	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Polk City	City of Polk City	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Urbandale	City of Urbandale	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Urbandale	City of Urbandale - Water Dept.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	West Des Moines	City of West Des Moines	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Windsor Heights	City of Windsor Heights	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Civil Engineering Consultants	CTRE/Statewide Urban Design & Specs.	TAC
Polk	West Des Moines	Clark Dietz	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	CMT	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Commonwealth Electric	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Urbandale	Concrete Technologies, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Construction Materials, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Construction Materials, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Johnston	Contech Construction	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Contractors Steel	CTRE/Statewide Urban Design & Specs.	TAC
Polk	West Des Moines	Cooper Crawford & Associates, LLC	CTRE/Statewide Urban Design & Specs.	TAC
Polk	West Des Moines	Corell Contractors	CTRE/Statewide Urban Design & Specs.	TAC
Polk	West Des Moines	Corell Recycling	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Ankeny	CPMI	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Craig Smith	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Cramer & Associates, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Crose-Gardner Associates	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	CSI Precast	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Avon	D.H. Blattner & Sons, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	David Bovee	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Urbandale	Des Moines Metro Planning Org.	CTRE/Statewide Urban Design & Specs.	TAC

Polk	Johnston	Des Moines Steel Fence Co., Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Des Moines Water Works	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Dunbar/Jones PLC	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Earth Teck, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	West Des Moines	Ed Miner	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Elder Corp.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Johnston	Engineering Alliance, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Windsor Heights	Engineering Design Services	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Engineering Resource Group, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Environmental Solutions of Iowa	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	FEH Associates, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Foth & Van Dyke	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Geotechnical Services, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Pleasant Hill	Gjersvik & Associates	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Ankeny	Halbrook Excavating	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Hallett Materials	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Johnston	Hansen Company	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Hart/Meyer, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Johnston	Henning Construction	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Herbert, Lewis, Kruse & Blunck Architects	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Johnston	Hockmuth Concrete Services, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Howard R. Green Company	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Pleasant Hill	Howrey Concrete	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Ankeny	Huber Grading & Land Development	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Hydro-Klean, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	IDNR, Wallace State Office Building	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Johnston	Insituform	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Johnston	Iowa Army National Guard	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Ankeny	Iowa Concrete Paving Assoc	CTRE/Statewide Urban Design & Specs.	TAC
Polk	West Des Moines	Iowa Concrete Products	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Iowa Department of Natural Resources	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Iowa Limestone Producers Assoc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Ankeny	Iowa Ready Mixed Concrete Association	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Clive	Iowa Signal and Electric	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Jensen Construction Company	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Johnston	Johnston Public Works	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Urbandale	Kirkham Michael Consulting Engineers	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	KJWW Engineering Consultants	CTRE/Statewide Urban Design & Specs.	TAC
Polk	West Des Moines	KRISHNA ENGR.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	L.A. COMPANY	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Urbandale	Larson & Larson Construction	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Lemar Barker	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Lister Ind.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Lister Ind.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Logan Contractors Supply, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Martin Marietta Aggregates	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Master Builders of Iowa	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	McAninch Corporation	CTRE/Statewide Urban Design & Specs.	TAC
Polk	West Des Moines	McAninch Corporation	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Ankeny	McClure Engineering	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Pleasant Hill	MidAmerican Energy	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Miller the Driller	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Urbandale	Missman, Stanley & Assoc. P.C.	CTRE/Statewide Urban Design & Specs.	TAC

Polk	Des Moines	Municipal Supply, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Neumann Brothers	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Ankeny	Nilles Surveying, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	NRCS	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Nuckolls Concrete Services, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Urbandale	Oakview Construction	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Clive	Palmer Plumbing LLC	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Point Builders, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Polk County	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Polk County Dept. of Planning & Development	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Polk City	Polk County Heating & Cooling	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Polk County Public Works	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Polk County Rural Water Dist 1	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Ankeny	Prostruct	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Quick Supply Co.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	R.E. Van Gundy	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	RDG Bussard Dikis Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	RDG Crose Gardner Shukert, Inc	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	RDG Crose Gardner Shukert, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	RDG Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Reilly Construction Co. Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Clive	Rhiners Plumbing Co., Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Urbandale	Russell Construction Company	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Clive	Ryan Companies US, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Pleasant Hill	Sandy Deahl	CTRE/Statewide Urban Design & Specs.	TAC
Polk	West Des Moines	Savage - Ver Ploeg & Assoc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	West Des Moines	Savannah Homes, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Schildberg Construction Co., Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	West Des Moines	Shive-Hattery, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Shuck Britson Consulting Engineers	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Ankeny	Snyder & Associates	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Stanley Consultants, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Stanley Group	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Taylor Ball	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	TEAM Services	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	TERRACON	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	The Building Inspectors	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	The Underground Company	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	The Weitz Company, LLC	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Johnston	United Contractors, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Clive	Universal Concrete	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Urbandale	Urbandale Water Dept	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	URS	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Utility Equipment Co.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Clive	Van Hauen & Associates	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Van Hauen & Associates, Inc	CTRE/Statewide Urban Design & Specs.	TAC
Polk	West Des Moines	Veenstra & Kimm, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Johnston	Venter Spooner, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Polk	West Des Moines	WDM Water Works	CTRE/Statewide Urban Design & Specs.	TAC
Polk	West Des Moines	West Des Moines Water Works	CTRE/Statewide Urban Design & Specs.	TAC
Polk	Des Moines	Iowa Careers Consortium	Industry Relations	PWD
Polk	West Des Moines	Lab Support	Industry Relations	PWD
Polk	Des Moines	Kemin	Industry Relations	PWD

Polk	Ankeny	Monsanto	Industry Relations	PWD
Polk	Des Moines	Pioneer Hi-Bred International, Inc.	Industry Relations	PWD
Polk	Des Moines	Source Allies, Inc.	Industry Relations	PWD
Polk	Urbandale	Dice.com	Industry Relations	PWD
Polk	Des Moines	Baker Communications	Industry Relations	PWD
Polk	West Des Moines	ABC Virtual Communiations	Industry Relations	PWD
Polk	West Des Moines	MediNotes Corporation	Industry Relations	PWD
Polk	Des Moines	Principal Financial Group	Industry Relations	PWD
Polk	Des Moines	Sogeti, USA	Industry Relations	PWD
Polk	Mitchellville	City of Mitchellville	Industry Relations	FAC
Polk	West Des Moines	Iowa Area Development Group	Industry Relations	FAC
Polk	Des Moines	Iowa Department of Economic Development	Industry Relations	FAC
Polk	Des Moines	DMACC	Industry Relations	FAC
Polk	West Des Moines	Aquila	Industry Relations	FAC
Polk	Altoona	Eastern Polk Regional Development, Inc.	Industry Relations	FAC
Polk	Urbandale	Iowa Biotechnology Association	Industry Relations	FAC
Polk	Des Moines	Triple "F", Inc.	Industry Relations	FAC
Polk	Ankeny	DMACC	Industry Relations	FAC
Polk	Ankeny	City of Ankeny	Industry Relations	FAC
Polk	Des Moines	Alliant Energy	Industry Relations	FAC
Polk	Des Moines	Iowa Ag Innovation Center	Industry Relations	FAC
Polk	Des Moines	USDA Rural Development	Industry Relations	FAC
Polk	Des Moines	Greater Des Moines Partnership	Industry Relations	FAC
Polk	Des Moines	ILC Resources	Industry Relations	FAC
Polk	Des Moines	Kemin Industries	Industry Relations	FAC
Polk	Ankeny	Proliant Health and Biologicals	Industry Relations	FAC
Polk	West Des Moines	Sweeney Law, P.C.	Industry Relations	FAC
Polk		Event in Polk County	CIRAS	BAC
Polk		Event in Polk County	CIRAS	BAC
Polk		Event in Polk County	CIRAS	BAC
Polk		Event in Polk County	CIRAS	BAC
Polk		Event in Polk County	CIRAS	BAC
Polk		Event in Polk County	CIRAS	BAC
Polk		Event in Polk County	CIRAS	BAC
Polk		Event in Polk County	CIRAS	BAC
Polk		Event in Polk County	CIRAS	BAC
Polk		Event in Polk County	CIRAS	BAC
Polk		Event in Polk County	CIRAS	BAC
Polk		Event in Polk County	CIRAS	BAC
Polk		Event in Polk County	CIRAS	BAC
Polk		Event in Polk County	CIRAS	BAC
Polk		Event in Polk County	CIRAS	BAC
Polk	Ankeny	Event in Polk County	CIRAS - Partners	TAC
Polk	Ankeny	Event in Polk County	CIRAS - Partners	TAC
Polk	Ankeny	Event in Polk County	CIRAS - Partners	TAC
Polk	Ankeny	Event in Polk County	CIRAS - Partners	TAC
Polk	Ankeny	Event in Polk County	CIRAS - Partners	TAC
Polk	Ankeny	Event in Polk County	CIRAS - Partners	TAC
Polk	Ankeny	Event in Polk County	CIRAS - Partners	TAC
Polk	Ankeny	Event in Polk County	CIRAS - Partners	TAC
Polk	Ankeny	Event in Polk County	CIRAS - Partners	TAC
Polk	Ankeny	John Deere Des Moines Works	CIRAS	TAC
Polk	Ankeny	Standard Bearings - Ankeny	CIRAS	TAC
Polk	Clive	Corrugated Solutions LLC	CIRAS	TAC
Polk	Clive	Corrugated Solutions LLC	CIRAS	BAC

Polk	Clive	Corrugated Solutions LLC	CIRAS	BAC
Polk	Des Moines	American Auto Finance, LLC	CIRAS	TAC
Polk	Des Moines	Blackwell Construction, Inc.	CIRAS	BAC
Polk	Des Moines	Blood Center of Iowa	CIRAS	TAC
Polk	Des Moines	Blood Center of Iowa	CIRAS	TAC
Polk	Des Moines	Capital City Boiler and Machine Works	CIRAS	BAC
Polk	Des Moines	Deaf Services Unlimited, Inc.	CIRAS	BAC
Polk	Des Moines	Greater Iowa Asphalt Conference	CIRAS - ECE	PWD
Polk	Des Moines	Hirsh Industries Inc	CIRAS	BAC
Polk	Des Moines	Iowa Limestone Co - Des Moines	CIRAS - Partners	TAC
Polk	Des Moines	Job Shops Contractors, Inc.	CIRAS	BAC
Polk	Des Moines	John Deere - Des Moines Works	CIRAS - Partners	TAC
Polk	Des Moines	John Deere - Des Moines Works	CIRAS - Partners	TAC
Polk	Des Moines	John Deere - Des Moines Works	CIRAS - Partners	TAC
Polk	Des Moines	John Deere & Co Inc	CIRAS	TAC
Polk	Des Moines	Mells Industries, LLC	CIRAS	BAC
Polk	Des Moines	Morris Contracting Services, Inc.	CIRAS	BAC
Polk	Des Moines	Ram Rental & Equipment	CIRAS	BAC
Polk	Des Moines	Restexx, Inc.	CIRAS	BAC
Polk	Des Moines	Source Allies, Inc.	CIRAS	BAC
Polk	Des Moines	SuperFlow Technologies Group	CIRAS	BAC
Polk	Des Moines	TC Construction	CIRAS	BAC
Polk	Des Moines	Trans-Lux Fair-Play	CIRAS - Partners	TAC
Polk	Des Moines	Trans-Lux Fair-Play	CIRAS	TAC
Polk	Des Moines	Trans-Lux Fair-Play	CIRAS - Partners	TAC
Polk	Des Moines	Vodaci Technologies	CIRAS	BAC
Polk	Des Moines	Williams Group	CIRAS	BAC
Polk	Johnston	ATI - Automated Technologies & Integration	CIRAS	BAC
Polk	Urbandale	Lennox Industries Inc - Urbandale	CIRAS - Partners	TAC
Polk	Urbandale	Quality Manufacturing Corp	CIRAS - Partners	TAC
Polk	Urbandale	Quality Manufacturing Corp	CIRAS - Partners	TAC
Polk	Urbandale	Validus	CIRAS	TAC
Polk	Urbandale	Validus	CIRAS	TAC
Polk	West Des Moines	Advanced Engineering	CIRAS	BAC
Polk	West Des Moines	Embarklt, Inc.	CIRAS	BAC
Polk	West Des Moines	Goodrich Corp	CIRAS	BAC
Polk	West Des Moines	Goodrich Corp	CIRAS	TAC
Polk	West Des Moines	Industrial Transportation & Equipment Company	CIRAS	TAC
Polk	West Des Moines	Industrial Transportation & Equipment Company	CIRAS	TAC
Polk	West Des Moines	MPS Engineers	CIRAS	BAC
Polk	Des Moines	Kemin Consumer Care LC	Bessey Microscopy Facility	TAC
Polk	Des Moines	Kemin Health, LC	Bessey Microscopy Facility	TAC
Polk	Johnston	Pioneer Hi-Bred Intl Inc.	Bessey Microscopy Facility	TAC
Polk	Johnston	Pioneer-Agronomy Services	Bessey Microscopy Facility	TAC
Polk	Ankeny	Monsanto	Cell Facility	TAC
Polk	Urbandale	Iowa Cancer Research Foundation	DNA Facility	TAC
Polk	Johnston	Pioneer Hi-Bred Intl Inc.	Hybridoma Facility	TAC
Polk	Johnston	Pioneer Hi-Bred Intl Inc.	Protein Facility	TAC
Polk	Carlisle	Welch Products, Inc.	IPRT Company Assistance-NDE	TAC
Polk Count	567			
Pottawattamie	Council Bluffs	Council Bluffs Senior Center	Landscape Architecture	OCOM
Pottawattamie	Council Bluffs	Lewis Central School	Biotechnology Outreach Education Center	OCOM
Pottawattamie	Council Bluffs	Evaluation Workshop	Curriculum & Instruction	PWD

	Pottawattamie	Council Bluffs	Ditmar Orchard	FSHN	TAC
	Pottawattamie	Griswold	Amos Sweet Corn	ISU Research Farms	TAC
	Pottawattamie	Council Bluffs	Warden Farms	Iowa Beef Center	TAC
	Pottawattamie	Council Bluffs	The Schemmer Associates	College of Engineering	FAC
	Pottawattamie	Council Bluffs	Council Bluffs Area Chamber of Commerce	College of Engineering	BCOM
	Pottawattamie	Avoca	AHST High School	Families Extension	PWD
	Pottawattamie	Avoca	Avoca PD	CTRE/Gov. Traffic Safety Bureau	OCOM
	Pottawattamie		Pottawattamie Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM
	Pottawattamie	Council Bluffs	City of Council Bluffs	CTRE/IA Traffic Safety Data Service	TCOM
	Pottawattamie	Council Bluffs	Council Bluffs Park and Recreation	CTRE/IA Traffic Safety Data Service	OCOM
	Pottawattamie	Council Bluffs	Council Bluffs Safe Kids	CTRE/IA Traffic Safety Data Service	OCOM
	Pottawattamie	Council Bluffs	City of Council Bluffs	CTRE/Local Technical Assistance Program	PWD
	Pottawattamie	Council Bluffs	City of Council Bluffs	CTRE/Local Technical Assistance Program	PWD
	Pottawattamie	Carter Lake	City of Carter Lake	CTRE/Local Technical Assistance Program	TCOM
	Pottawattamie	Council Bluffs	City of Council Bluffs	CTRE/Statewide Urban Design & Specs.	TAC
	Pottawattamie	Council Bluffs	Council Bluff Water Works	CTRE/Statewide Urban Design & Specs.	TAC
	Pottawattamie	Council Bluffs	Council Bluffs Winnelson	CTRE/Statewide Urban Design & Specs.	TAC
	Pottawattamie	Council Bluffs	Griffin Pipe Products	CTRE/Statewide Urban Design & Specs.	TAC
	Pottawattamie	Council Bluffs	Henningsen Const., Inc.	CTRE/Statewide Urban Design & Specs.	TAC
	Pottawattamie	Council Bluffs	HGM Associates	CTRE/Statewide Urban Design & Specs.	TAC
	Pottawattamie	Crescent	Leazenby Construction Inc.	CTRE/Statewide Urban Design & Specs.	TAC
	Pottawattamie	Council Bluffs	MFT Construction	CTRE/Statewide Urban Design & Specs.	TAC
	Pottawattamie	Council Bluffs	Pottawattamie County Engineers	CTRE/Statewide Urban Design & Specs.	TAC
	Pottawattamie	Crescent	R.D. Blue Construction	CTRE/Statewide Urban Design & Specs.	TAC
	Pottawattamie	Council Bluffs	Snyder and Associates	CTRE/Statewide Urban Design & Specs.	TAC
	Pottawattamie	Council Bluffs	ConAgra	Industry Relations	FAC
	Pottawattamie	Carter Lake	Paxton & Vierling Steel Co	CIRAS - Partners	BAC
	Pottawattamie	Council Bluffs	Event in Pottawattamie County	CIRAS - Partners	TAC
	Pottawattamie	Council Bluffs	Event in Pottawattamie County	CIRAS - Partners	TAC
	Pottawattamie	Council Bluffs	Omaha Standard	CIRAS - Partners	TAC
Pottawattamie Count		33			
	Poweshiek	Grinnell	Schillinger Seed	Office of Intellectual Property & Tech. Transf.	TT
	Poweshiek	Brooklyn	Creative Composites	CCUR & ABE	TT
	Poweshiek	Muscatine	R3 Composites	CCUR & Chemistry	TT
	Poweshiek	Grinnell	Grinnell	Political Science	BCOM
	Poweshiek	Grinnell	Poweshiek Area Development Corporation	Community Vitality Center	BCOM
	Poweshiek	Montezuma	Montezuma High School	Community Vitality Center	OCOM
	Poweshiek	Brooklyn	Creative Composites, Inc.	IPRT Company Assistance-NDE	TAC
	Poweshiek	Grinnell	Grinnell College	Families Extension	PWD
	Poweshiek		Poweshiek County	CTRE/Local Technical Assistance Program	PWD
	Poweshiek		Poweshiek County	CTRE/Local Technical Assistance Program	PWD
	Poweshiek	Brooklyn	City of Brooklyn	CTRE/Statewide Urban Design & Specs.	TAC
	Poweshiek	Grinnell	City of Grinnell	CTRE/Statewide Urban Design & Specs.	TAC
	Poweshiek	Brooklyn	MANATT'S, INC.	CTRE/Statewide Urban Design & Specs.	TAC
	Poweshiek	Montezuma	Sheets Excavating, Ltd.	CTRE/Statewide Urban Design & Specs.	TAC
Poweshiek Count		14			14
	Ringgold	Mount Ayr	Mount Ayr Jr. High	Biotechnology Outreach Education Center	OCOM
	Ringgold	Mt. Ayr	Ringgold County Development Corporation	College of Engineering	BCOM
	Ringgold	Diagonal	O'Kelley Manufacturing	Office of Intellectual Property & Tech. Transf.	BAC
	Ringgold		1 unidentified company	Pappajohn Ctr. for Entrepreneurship/ISU SBDC	BAC
	Ringgold	Kellerton	J&S Construction Co.	CIRAS	BAC
	Ringgold	Mount Ayr	Ahrens Manufacturing	CIRAS	BAC
Ringgold Count		6			

Sac	Schaller	Schaller Crestland Middle School	Biotechnology Outreach Education Center	OCOM
Sac	Auburn	City of Auburn	Landscape Architecture/IDRO	BCOM
Sac	Lake View	Wall Lake View Auburn School	Families Extension	PWD
Sac		Sac Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM
Sac		Sac County	CTRE/Local Technical Assistance Program	PWD
Sac	Lake View	Lake View Concrete Products Co., Inc	CTRE/Statewide Urban Design & Specs.	TAC
Sac	Schaller	enXco (Midamerican Energy)	CIRAS - Partners	TAC
Sac		Sac County Extension Office	Arts & Design	TCOM

Sac Count

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Scott	Bettendorf	Bettendorf H S	Biotechnology Outreach Education Center	OCOM
Scott	Davenport	Davenport School	Biotechnology Outreach Education Center	OCOM
Scott	Davenport	North High School	Biotechnology Outreach Education Center	OCOM
Scott	Bettendorf	Rivermont Collegiate	Biotechnology Outreach Education Center	OCOM
Scott	Davenport	Evaluation Workshop	Curriculum & Instruction	PWD
Scott	Bettendorf	AEA # 9	Curriculum & Instruction	PWD
Scott	Bettendorf	AEA # 9	Curriculum & Instruction	PWD
Scott	Davenport	Southeast Iowa Grain Producers	Iowa Grain Quality Initiative	FAC
Scott	Davenport	ALCOA	Center for Nondestructive Evaluation, IPRT	TAC
Scott	Davenport	Davenport Police Department	Midwest Forensics Resource Center, IPRT	OCOM, PWD
Scott	Davenport	Hansaloy Corporation	IPRT Company Assistance-NDE	TAC
Scott	Davenport	Hansaloy Corporation	IPRT Company Assistance-Materials	TAC
Scott	Davenport	Carleton Life Support Systems	IPRT Company Assistance-Contract Research	TAC
Scott	Davenport	Carleton Life Support Systems	IPRT Company Assistance-Contract Research	TAC
Scott	Princeton	City of Princeton	Landscape Architecture	OCOM
Scott	Walcott	City of Walcott Clerk	Community & Regional Planning	TCOM
Scott	Princeton	Johnson Manufacturing	College of Engineering	TAC
Scott	Davenport	Alcoa	College of Engineering, Engr. Distance Educ.	PWD
Scott	Davenport	Jancy Engineering	College of Engineering, Engr. Distance Educ.	PWD
Scott	Davenport	Mid American Energy	College of Engineering, Engr. Distance Educ.	PWD
Scott	Davenport	Rock Island Arsenal	College of Engineering, Engr. Distance Educ.	PWD
Scott	Davenport	Eastern Iowa Community College District	Office of Intellectual Property & Tech. Transf.	BCOM
Scott	Davenport	Cocoon Corporation	Office of Intellectual Property & Tech. Transf.	FAC
Scott	Davenport	Convenient Technologies	Office of Intellectual Property & Tech. Transf.	FAC
Scott	Davenport	New Era Wireless	Office of Intellectual Property & Tech. Transf.	BAC
Scott	Davenport	New Ventures, Inc.	Office of Intellectual Property & Tech. Transf.	BCOM
Scott	Davenport	Eastern Iowa Small Business Development Center	Office of Intellectual Property & Tech. Transf.	FAC
Scott	Davenport	Davenport Schools	Iowa Energy Center	TCOM
Scott	Davenport	ASHRAE - Mississippi Valley Chapter	Iowa Energy Center - BECON	TAC
Scott	Davenport	Applebee's	Families Extension	PWD
Scott	Bettendorf	City of Bettendorf	CTRE/Bridge Engr. Center	TCOM
Scott	Bettendorf	Bettendorf PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Scott	Blue Grass	Blue Grass PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Scott	Davenport	Davenport PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Scott	Eldridge	Eldridge PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Scott	Le Claire	Le Claire PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Scott		Scott Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM
Scott	Bettendorf	City of Bettendorf	CTRE/Local Technical Assistance Program	PWD
Scott	Davenport	Scott County	CTRE/Roadway Infrastructure	TCOM
Scott	Bettendorf	City of Bettendorf	CTRE/Statewide Urban Design & Specs.	TAC
Scott	Davenport	City of Davenport	CTRE/Statewide Urban Design & Specs.	TAC
Scott	Davenport	Foley Construction	CTRE/Statewide Urban Design & Specs.	TAC
Scott	Bettendorf	Hawkey Paving Corporation	CTRE/Statewide Urban Design & Specs.	TAC
Scott	Davenport	IA American Water Co.	CTRE/Statewide Urban Design & Specs.	TAC

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Scott	Davenport	N.J. Miller, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Scott	Buffalo	Rinker Materials Hydro Conduit Division	CTRE/Statewide Urban Design & Specs.	TAC
Scott	Davenport	Scott County	CTRE/Statewide Urban Design & Specs.	TAC
Scott	Davenport	Tab Construction	CTRE/Statewide Urban Design & Specs.	TAC
Scott	Davenport	DavenportOne	Industry Relations	FAC
Scott	Davenport	Eastern Iowa Community College District	Industry Relations	FAC
Scott	Bettendorf	Biostar	Industry Relations	FAC
Scott	Davenport	NewVentures Initiative	Industry Relations	FAC
Scott	Davenport	Northwest Mechanical, Inc.	Industry Relations	FAC
Scott		Event in Scott County	CIRAS	BAC
Scott	Bettendorf	Digital Pathways	CIRAS	BAC
Scott	Bettendorf	Rogan Incorporated	CIRAS	BAC
Scott	Bettendorf	Schebler Co	CIRAS	TAC
Scott	Davenport	Abrahams Machine Service, Inc.	CIRAS	BAC
Scott	Davenport	Blue Wave Ultrasonics Inc	CIRAS	BAC
Scott	Davenport	Charles F. Day & Associates L. L. C.	CIRAS - Partners	TAC
Scott	Davenport	Charles F. Day & Associates L. L. C.	CIRAS - Partners	TAC
Scott	Davenport	Mississippi Valley Regional Blood Center	CIRAS - Partners	TAC
Scott	Davenport	P B Leiner	CIRAS	FAC
Scott	Davenport	TMT Manufacturing Co., Inc.	CIRAS	BAC
Scott	Davenport	TOTAL TECH	CIRAS	BAC
Scott	Davenport	Warren Packaging Corp	CIRAS	TAC
Scott	Eldridge	Quality Construction Service	CIRAS	BAC
Scott	Eldridge	Community College High School	Community Vitality Center	OCOM

Scott Count

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Shelby	Harlan	Harlan Com. High Sch.	Biotechnology Outreach Education Center	OCOM
Shelby	Elk Horn	Elk Horn-Kimballton High School	Community Vitality Center	OCOM
Shelby	Harlan	Jacobs Corporation	IPRT Company Assistance-Materials	TAC
Shelby	Harlan	Jacobs Corporation	IPRT Company Assistance-Materials	TAC
Shelby	Harlan	Shelby County Develop Source	College of Engineering	BCOM
Shelby	Harlan	Jacobs Manufacturing	College of Business	FAC
Shelby	Harlan	Shelby County Economic Development	Office of Intellectual Property & Tech. Transf.	BCOM
Shelby		Shelby County	CTRE/Local Technical Assistance Program	PWD
Shelby		Shelby County	CTRE/Local Technical Assistance Program	PWD
Shelby	Harlan	City of Harlan	CTRE/Statewide Urban Design & Specs.	TAC
Shelby	Harlan	Shelby County	CTRE/Statewide Urban Design & Specs.	TAC
Shelby	Harlan	Jacobs Corp	CIRAS	BAC
Shelby	Harlan	Jacobs Corp	CIRAS	TAC

Shelby Count

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Sioux	Sioux Center	Sioux Center H S	Biotechnology Outreach Education Center	OCOM
Sioux	Orange City	Van Beek Global	Innovations Development Facility - PSI	BAC
Sioux	Orange City	Van Beek Global Company	FSHN	TAC
Sioux	Orange City	Van Beek Global Company	W.M. Keck Metabolomics Research Laboratory	TAC
Sioux	Orange City	Northwest Iowa Beef Producers	ISU Extension	TAC
Sioux	Sioux Center	Sioux County Beef Producers	ISU Extension	TAC
Sioux	Orange City	EZ Liner Industries	IPRT Company Assistance-NDE	TAC
Sioux	Sioux Center	Groschopp, Inc.	IPRT Company Assistance-Materials	TAC
Sioux	Orange City	Silent Drive, Inc.	IPRT Company Assistance-Materials	TAC
Sioux	Orange City	Silent Drive, Inc.	IPRT Company Assistance-Materials	TAC
Sioux	Orange City	Van Beek Global	IPRT Company Assistance-Contract Research	TAC
Sioux	Hawarden	City of Hawarden	Landscape Architecture/IDRO	BCOM
Sioux	Hawarden	City of Hawarden Manager	Community & Regional Planning	TAC
Sioux	Orange City	Van Beek Global	Office of Intellectual Property & Tech. Transf.	BAC

Sioux	Alton	S&P Business Services	Office of Intellectual Property & Tech. Transf.	FAC
Sioux	Orange City	Waters Hot	Office of Intellectual Property & Tech. Transf.	FAC
Sioux	Boyden	DEMCO	Families Extension	PWD
Sioux	Hull	The Foreign Candy Company	Families Extension	PWD
Sioux	Orange City	Advance Brands	Families Extension	PWD
Sioux	Rock Valley	Hope Haven, Inc	Families Extension	PWD
Sioux	Sioux Center	Pella Corporation	Families Extension	PWD
Sioux		Sioux County	CTRE/Local Technical Assistance Program	PWD
Sioux		Sioux County	CTRE/Local Technical Assistance Program	PWD
Sioux		Sioux County	CTRE/Local Technical Assistance Program	PWD
Sioux	Orange City	Van Beek Scientific	Industry Relations	FAC
Sioux	Boyden	DEMCO-Dethmers Mfg. Co.	CIRAS - Partners	TAC
Sioux	Boyden	Dethmers Manufacturing Co	CIRAS	TAC
Sioux	Orange City	EZ-Liner Industries	CIRAS	BAC
Sioux	Rock Valley	Double HH Manufacturing	CIRAS	TAC
Sioux	Rock Valley	Double HH Manufacturing	CIRAS	TAC
Sioux	Rock Valley	Total Component Solutions	CIRAS - Partners	TAC
Sioux	Rock Valley	Total Component Solutions	CIRAS - Partners	TAC
Sioux	Rock Valley	Total Component Solutions	CIRAS - Partners	TAC
Sioux	Sioux Center	Link Manufacturing Ltd	CIRAS - Partners	TAC
Sioux	Sioux Center	Link Manufacturing Ltd	CIRAS - Partners	TAC
Sioux	Sioux Center	Link Manufacturing Ltd	CIRAS	TAC
Sioux	Sioux Center	Link Manufacturing Ltd	CIRAS	TAC
Sioux		Sioux	Arts & Design	TCOM
Sioux	Sioux Center	Sioux Center Community School	Families Extension	PWD

Sioux Count

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Story	Ames	Ajinomoto U.S.A.	CCUR	TAC
Story	Ames	Ames High School	Biotechnology Outreach Education Center	OCOM
Story	Ames	Ames home school group	Biotechnology Outreach Education Center	OCOM
Story	Ames	Edwards Elementary, Ames	Biotechnology Outreach Education Center	OCOM
Story	Nevada	Nevada High School	Biotechnology Outreach Education Center	OCOM
Story	Story City	Roland-Story H S	Biotechnology Outreach Education Center	OCOM
Story	Gilbert	Dairyland Seed Co.	Office of Intellectual Property & Tech. Transf.	TT
Story	Kelley	Iowa Acres	Office of Intellectual Property & Tech. Transf.	TT
Story	Ames	Jeanie Hau	Office of Intellectual Property & Tech. Transf.	TT
Story	Ames	Michael Owen	Office of Intellectual Property & Tech. Transf.	TT
Story	Story City	Sansgaard Seed Farms	Office of Intellectual Property & Tech. Transf.	TT
Story	Story City	Viking Motor Inn	Hotel, Restaurant & Inst. Management	BAC
Story	Story City	The Bistro	Hotel, Restaurant & Inst. Management	BAC
Story	Story City	The Alley's Pizza	Hotel, Restaurant & Inst. Management	BAC
Story	Story City	The Cottage on Broad	Hotel, Restaurant & Inst. Management	BAC
Story	Ames	Iowa Dietetic Association	Hotel, Restaurant & Inst. Management	OCOM
Story	Ames	Beyond Welfare	Curriculum & Instruction	PWD
Story	Ames	Northwood Elementary School	Curriculum & Instruction	PWD
Story	Ames	Iowa Mosaic Diversity Conference 50 IA Educators	Curriculum & Instruction	PWD
Story	Ames	Ames CSD Math Cabinet	Curriculum & Instruction	PWD
Story	Ames	Becker Underwood	Innovations Development Facility - PSI	FAC
Story	Ames	Osteoceramics, Inc.	Innovations Development Facility - PSI	BAC
Story	Ames	Advanced Analytical	Innovations Development Facility - PSI	FAC
Story	Ames	CombiSep	Innovations Development Facility - PSI	FAC
Story	Ames	BASF Plant Science	Innovations Development Facility - PSI	FAC
Story	Ames	BioCrystals	Innovations Development Facility - PSI	BAC
Story	Ames	Starch Design	Innovations Development Facility - PSI	BAC

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Story	Ames	Molecular Express	Innovations Development Facility - PSI	BAC
Story	Ames	NERP Technologies	Innovations Development Facility - PSI	BAC
Story	Ames	MSTRS Technologies	Innovations Development Facility - PSI	BAC
Story	Ames	MTEC BioAnalytics	Innovations Development Facility - PSI	BAC
Story	Ames	BASF Plant Science/ExSeed Genetics	Center for Designing Foods to Improve Nutrition	FAC
Story	Ames	MTI	Center for Designing Foods to Improve Nutrition	TAC
Story	Ames	Vibroacoustics Solutions, Inc.	CCUR, Chemistry, & Materials Science	TT
Story	Ames	Mell O3z	CCUR & CCCE	TT
Story	Nevada	Lincolnway Energy	CCUR, ABE, & CCCE	TT
Story	Ames	BASF	CCUR	TAC
Story	Ames	Lipid Consulting, Inc.	CCUR	TAC
Story	Slater	Syngenta	CCUR	TAC
Story	Ames	BASF	CCUR	TAC
Story	Ames	Lipid Consulting, Inc.	CCUR	TAC
Story	Ames	Ajinomoto U.S.A.	CCUR	TAC
Story	Slater	Syngenta	CCUR	TAC
Story	Ames	Mell O3z	CCUR & CCCE	TT
Story	Muscatine	Grain Processors Corp.	CCUR, Chemistry, & Materials Science	TT
Story	Ames	Vibroacoustics Solutions, Inc.	CCUR, Chemistry, & Materials Science	TT
Story	Cedar Rapids	Genencor International	CCUR, FSHN, Chem E	TT
Story	Ames	Metabolic Technologies	Center for Designing Foods to Improve Nutrition	BAC
Story	Ames	Iowa Institute for Cooperatives	Economics	BAC
Story	Ames	Bioforce Nanosciences	FSHN	TAC
Story	Ames	Advanced Analytical Technologies	FSHN	TAC
Story	Ames	Raz Sauces	FSHN	TAC
Story	Ames	Iowa Pork Producers	Iowa Pork Industry Center	TAC
Story	Ames	Niche Pork Operations	Iowa Pork Industry Center	TAC
Story	Ames	Iowa Fruit/Vegetable Growers	ISU Research Farms	TAC
Story	Ames	Iowa Arborists	ISU Research Farms	TAC
Story	Roland	Loren Barker Farm	Natural Resource Ecology and Management	TAC
Story	Ames	Farm to Folk Collaborative	North Central Regional Ctr. for Rural Dev.	BAC
Story	Ames	PROSPER	North Central Regional Ctr. for Rural Dev.	BCOM
Story	Ames	Farm to Folk Collaborative	North Central Regional Ctr. for Rural Dev.	FAC
Story	Ames	Farm to Folk Collaborative	North Central Regional Ctr. for Rural Dev.	TAC
Story	Ames	Special Olympics	Center for Survey Statistics & Methodology	OCOM
Story	Ames	ISU	Center for Survey Statistics & Methodology	OCOM
Story	Ames	WOI Radio	Center for Survey Statistics & Methodology	OCOM
Story	Ames	New Link Genetics	Statistics	TAC
Story	Ames	ISU Dailey	Center for Survey Statistics & Methodology	TAC
Story	Ames	Mary Greeley Hospital	Bioethics - Philosophy	OCOM
Story	Audubon	Omaha Community Foundation	Community Vitality Center	TCOM
Story	Huxley	Eklund Ag Consulting	ISU Extension	TAC
Story	Hubbard	Lincoln Feeders LLC	ISU Extension	TAC
Story	Ames	ETREMA Products, Inc.	Center for Nondestructive Evaluation, IPRT	TAC
Story	Ames	NDE Technologies	Center for Nondestructive Evaluation, IPRT	TAC, TT
Story	Ames	Sauer Danfoss Company	Center for Nondestructive Evaluation, IPRT	TAC
Story	Ames	iPrism	Ctr. for Sustainable Environmental Technologies, IPRFAC	TAC
Story	Ames	Iowa Energy Center	Ctr. for Sustainable Environmental Technologies, IPRFAC	TAC
Story	Nevada	Lincoln Way Energy	Ctr. for Sustainable Environmental Technologies, IPRFAC	TAC
Story	Ames	Frontline Bioenergy	Ctr. for Sustainable Environmental Technologies, IPRFAC	TAC
Story	Ames	Integrated Sensor Technologies	Microelectronics Research Center, IPRT	TAC
Story	Ames	Ames Laboratory	Microelectronics Research Center, IPRT	TAC
Story	Ames	Maxwell Research Corp.	Virtual Reality Applications Center, IPRT	TAC

Story	Ames	Clearsighted	Virtual Reality Applications Center, IPRT	BAC, TAC, FAC
Story	Nevada	ALMACO	IPRT Company Assistance-NDE	TAC
Story	Ames	ETREMA Products, Inc.	IPRT Company Assistance-NDE	TAC
Story	Roland	Innovative Lighting, Inc.	IPRT Company Assistance-NDE	TAC
Story	Ames	Sauer Danfoss Company	IPRT Company Assistance-NDE	TAC
Story	Ames	Sauer Danfoss Company	IPRT Company Assistance-NDE	TAC
Story	Ames	Sauer Danfoss Company	IPRT Company Assistance-NDE	TAC
Story	Ames	Sauer Danfoss Company	IPRT Company Assistance-NDE	TAC
Story	Ames	Sauer Danfoss Company	IPRT Company Assistance-NDE	TAC
Story	Ames	Sauer Danfoss Company	IPRT Company Assistance-NDE	TAC
Story	Ames	Sauer Danfoss Company	IPRT Company Assistance-NDE	TAC
Story	Ames	Sauer Danfoss Company	IPRT Company Assistance-NDE	TAC
Story	Nevada	ALMACO	IPRT Company Assistance-NDE	TAC
Story	Ames	City of Ames	IPRT Company Assistance-Materials	TAC
Story	Ames	Iowa Department of Transportation	IPRT Company Assistance-Materials	TAC
Story	Ames	Iowa Department of Transportation	IPRT Company Assistance-Materials	TAC
Story	Huxley	Kreg Tool Company	IPRT Company Assistance-Materials	TAC
Story	Nevada	Midwest Cylinder Head	IPRT Company Assistance-Materials	TAC
Story	Ames	Sauer Danfoss Company	IPRT Company Assistance-Materials	TAC
Story	Ames	Advanced Analytical	IPRT Company Assistance-Contract Research	TAC
Story	Ames	Frontline BioEnergy	IPRT Company Assistance-Contract Research	TT
Story	Ames	Gary Schuster	IPRT Company Assistance-Contract Research	TT
Story	Ames	NDE Technologies	IPRT Company Assistance-Contract Research	TT
Story	Ames	NERP Technologies, L.L.C.	IPRT Company Assistance-Contract Research	TAC
Story	Ames	Northern Micro Design	IPRT Company Assistance-Contract Research	TAC
Story	Ames	PHD Technologies LLC	IPRT Company Assistance-Contract Research	TAC
Story	Ames	ProVision, LLC	IPRT Company Assistance-Contract Research	TT
Story	Ames	Proximity Innovations	IPRT Company Assistance-Contract Research	TT
Story	Ames	Ames planning commission	Community & Regional Planning	TCOM
Story	Ames	City of Ames	Landscape Architecture	TAC
Story	Ames	Heartland Senior Center	Arts & Design	TCOM
Story	Ames	Izaak Walton League	Landscape Architecture	OCOM
Story	Ames	State of Iowa	Landscape Architecture	PWD
Story	Cambridge	City of Cambridge	Landscape Architecture	TAC
Story	Collins	City of Collins	Landscape Architecture	TAC
Story	Colo	City of Colo	Landscape Architecture	TAC
Story	Gilbert	Gilbert	Landscape Architecture	TAC
Story	Huxley	City of Huxley	Landscape Architecture	OCOM, TAC
Story	Huxley	Huxley City Administrator	Community & Regional Planning	TCOM
Story	Kelley	Kelley	Landscape Architecture	TAC
Story	Maxwell	Maxwell Community	Landscape Architecture	TAC
Story	McCallsburg	McCallsburg Community	Landscape Architecture	TAC
Story	Nevada	Private homeowner	Landscape Architecture	OCOM
Story	Roland	Roland Community	Landscape Architecture	OCOM, TAC
Story	Sheldahl	Sheldahl Community	Landscape Architecture	TAC
Story	Slater	Slater Community	Landscape Architecture	TAC
Story	Story City	Story City Community	Landscape Architecture	TAC
Story	Zearing	Zearing Community	Landscape Architecture	TAC
Story	Ames	EnSoft Corporation	College of Engineering	TAC
Story	Ames	Frontline Energy	College of Engineering	TAC
Story	Ames	Infiscap	College of Engineering	TAC
Story	Ames	AATI	College of Engineering	TAC
Story	Ames	3M Company	College of Engineering	FAC

Story	Ames	Dahl Communications, LLC	College of Engineering	FAC
Story	Ames	CMnet Incorporated	College of Engineering	FAC
Story	Ames	MagnaLynx	College of Engineering	FAC
Story	Ames	Palisades	College of Engineering	FAC
Story	Nevada	ALAMCO	College of Engineering	BAC
Story	Ames	LWBJ	College of Engineering	FAC
Story	Ames	Story Construction	College of Engineering	FAC
Story	Ames	Hall-Wade Engineering	College of Engineering, Engr. Distance Educ.	PWD
Story	Ames	Popp Engineering, Inc.	College of Engineering, Engr. Distance Educ.	PWD
Story	Linn	Sauer Danfoss	College of Engineering, Engr. Distance Educ.	PWD
Story	Ames	USDA	College of Engineering, Engr. Distance Educ.	PWD
Story	Ames	Heuss Printing	College of Business	BAC
Story	Ames	Story Construction	College of Business	BAC
Story	Ames	Corn Pulp and Paper	College of Business	TAC
Story	Nevada	Almaco	College of Business	FAC
Story	Ames	City of Ames	College of Business	BAC
Story	Ames	Kingland Systems	College of Business	FAC
Story	Ames	Fire Service Training Bureau	College of Business	BAC
Story	Colo	Wholesale Harvest	College of Business	BAC
Story	Ames	Small Business Development Center	College of Business	BCOM
Story	Ames	Temptations	College of Business	BAC
Story	Ames	Story County Community Land Trust	College of Business	BAC
Story	Ames	MG Biologics	Office of Intellectual Property & Tech. Transf.	BAC
Story	Ames	Glycon	Office of Intellectual Property & Tech. Transf.	BAC
Story	Ames	BioProtection Systems	Office of Intellectual Property & Tech. Transf.	BAC
Story	Ames	Nano-Electrochem, Inc.	Office of Intellectual Property & Tech. Transf.	FAC
Story	Ames	Nano-Electrochem, Inc.	Office of Intellectual Property & Tech. Transf.	BAC
Story	Ames	Clearsighted	Office of Intellectual Property & Tech. Transf.	BAC
Story	Ames	BioCrystals	Office of Intellectual Property & Tech. Transf.	BAC
Story	Ames	NewLink Genetics, Inc.	Office of Intellectual Property & Tech. Transf.	BAC
Story	Ames	Practical Farmers of Iowa	Office of Intellectual Property & Tech. Transf.	BCOM
Story	Ames	Quality Attributes Software	Office of Intellectual Property & Tech. Transf.	BAC
Story	Ames	BI Vet Medical	ISU Research Foundation	TT
Story	Ames	Integrated Sensor Technologies	ISU Research Foundation	TT
Story	Ames	BI Vet Medical	ISU Research Foundation	TT
Story	Ames	Technochem International	ISU Research Foundation	TT
Story	Ames	MSTRS Technologies	ISU Research Foundation	TT
Story	Ames	Lions Club	Iowa Energy Center	FAC
Story	Nevada	Lincolnway Energy	Iowa Energy Center - BECON	FAC
Story	Ames	Ames Tribune	Iowa Energy Center - BECON	FAC
Story	Nevada	Nevada Lions Club	Iowa Energy Center - BECON	FAC
Story	Nevada	Hertz Farm Management	Iowa Energy Center - BECON	FAC
Story	Nevada	Nevada Rotary	Iowa Energy Center - BECON	FAC
Story	Colo	Colo Lions	Iowa Energy Center - BECON	FAC
Story	Ames	Ames Tribune	Iowa Energy Center - Energy Resource Station	TAC
Story	Ames	Youth Marketplace Program for Students	Pappajohn Center for Entrepreneurship	OCOM
Story		66 unidentified companies	Pappajohn Ctr. for Entrepreneurship/ISU SBDC	BAC
Story	Ames	Mary Greeley Hospital	Families Extension	PWD
Story	Ames	Chamber of Commerce	Families Extension	TAC
Story	Story City	Bethany Life Communities	Families Extension	PWD
Story	Ames	Burger King	Families Extension	PWD
Story	Ames	Culver's of Ames	Families Extension	PWD
Story	Ames	Dairy Queen - Ames	Families Extension	PWD

Story	Nevada	Nevada Comm. School District	Families Extension	PWD
Story	Ames	Panda Express	Families Extension	PWD
Story	Nevada	Mom's Meals/Purfoods	Families Extension	TAC
Story	Ames	Caremoli C1798	Families Extension	TAC
Story	Ames	Barilla	Families Extension	TAC
Story	Nevada	Burke Foods	Families Extension	TAC
Story	Ames	Mary Greeley Medical Center	Human Dev. & Fam. Studies Extension	OCOM
Story	Nevada	Story County	CTRE/Bridge Engr. Center	TCOM
Story	Ames	Iowa Department of Transportation	CTRE/Bridge Engr. Center	TCOM
Story	Ames	Federal Highway Administration	CTRE/Bridge Engr. Center	TCOM
Story	Ames	Iowa Department of Transportation	CTRE/Bridge Engr. Center	OCOM
Story	Ames	Federal Highway Administration	CTRE/Bridge Engr. Center	OCOM
Story	Ames	American Society of Civil Engineers Iowa	CTRE/Bridge Engr. Center	OCOM
Story	Ames	Iowa Counties Engineers	CTRE/Bridge Engr. Center	TCOM
Story	Ames	Federal Highway Administration	CTRE/Bridge Engr. Center	TCOM
Story	Ames	Iowa Department of Transportation	CTRE/Bridge Engr. Center	TCOM
Story		Mannatts Construction	CTRE/Construction Mgmt. & Technology	PWD
Story		Absolute Construction	CTRE/Construction Mgmt. & Technology	PWD
Story		Kareth Construction	CTRE/Construction Mgmt. & Technology	PWD
Story	Ames	Manatt's	CTRE/Nat. Concrete Pavement Technology. Ctr.	PWD
Story	Nevada	Story County	CTRE/Nat. Concrete Pavement Technology. Ctr.	PWD
Story	Ames	Ames PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Story	Huxley	Huxley PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Story	Nevada	Nevada PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Story		Story Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM
Story	Ames	Federal Highway Administration (FHWA)	CTRE/IA Traffic Safety Data Service	TAC
Story	Ames	Federal Motor Carrier Safety Administration (FMCSA)	CTRE/IA Traffic Safety Data Service	OCOM
Story	Ames	Iowa Department of Transportation (DOT)	CTRE/IA Traffic Safety Data Service	TAC
Story	Ames	City of Ames	CTRE/Local Technical Assistance Program	PWD
Story		Story County	CTRE/Local Technical Assistance Program	PWD
Story	Ames	Iowa DOT	CTRE/Roadway Infrastructure	TCOM
Story	Ames	FHWA Division Office	CTRE/Roadway Infrastructure	TCOM
Story	Ames	ISU Facilities	CTRE/Roadway Infrastructure	TCOM
Story	Ames	ISU Police	CTRE/Roadway Infrastructure	TCOM
Story	Nevada	Story County Sheriff	CTRE/Roadway Infrastructure	TCOM
Story	Ames	Ames Area Metropolitan Planning Org	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	Ames Concrete Contracting	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	Ames Trenching & Excavating	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	APAI	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	Armstrong Co., Inc..	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	Asphalt Paving Assoc of Ia	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	Central Iowa Transportation Center	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	City of Ames	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	City of Ames Street Dept.	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	City of Ames Utility Maintenance Dept.	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	City of Ames Water and Pollution Control Dept.	CTRE/Statewide Urban Design & Specs.	TAC
Story	Grimes	City of Grimes	CTRE/Statewide Urban Design & Specs.	TAC
Story	Huxley	City of Huxley	CTRE/Statewide Urban Design & Specs.	TAC
Story	Nevada	City of Nevada	CTRE/Statewide Urban Design & Specs.	TAC
Story	Nevada	City of Nevada - Water Dept	CTRE/Statewide Urban Design & Specs.	TAC
Story	Roland	City of Roland	CTRE/Statewide Urban Design & Specs.	TAC
Story	Slater	City of Slater	CTRE/Statewide Urban Design & Specs.	TAC
Story	Grimes	Civil Design Advantage, LLC	CTRE/Statewide Urban Design & Specs.	TAC

Story	Ames	CON-STRUCT, INC	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	CTRE	CTRE/Statewide Urban Design & Specs.	TAC
Story	Grimes	Echo-Tech Construction	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	Engineering Plus, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	FHWA-Iowa Division	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	Fox Engineering Associates	CTRE/Statewide Urban Design & Specs.	TAC
Story	Grimes	Grimes Asphalt Paving	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	Harold Pike Construction	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	IDOT Methods	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	IDOT Traffic and Safety	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	Iowa Dept of Transportation	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	Iowa DOT Director	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	Iowa State University	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	ISU CCE Dept.	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	Keith Cooper & Sons, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	KRI, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Story	Grimes	Legacy Construction Group, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	Rognes Corporation	CTRE/Statewide Urban Design & Specs.	TAC
Story	Grimes	Septagon Construction	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	Soils Design Section	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	Story Construction	CTRE/Statewide Urban Design & Specs.	TAC
Story	Grimes	The Grounds Keeper, L.C.	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	Tom Frederickson Wandling Eng	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	TRILEAF CORP.	CTRE/Statewide Urban Design & Specs.	TAC
Story	Grimes	U.S. FILTER	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	Wandling Engineering	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	WHKS & CO.	CTRE/Statewide Urban Design & Specs.	TAC
Story	Ames	NewLink Genetics	Industry Relations	PWD
Story	Ames	EnSoft Corp.	Industry Relations	PWD
Story	Ames	United States Army / Army Reserve	Industry Relations	PWD
Story	Ames	Xenacom, Inc.	Industry Relations	FAC
Story	Ames	Ames Economic Development Commission	Industry Relations	FAC
Story	Slater	Iowa Cooperative	Industry Relations	FAC
Story	Ames	Stine Biotechnology	Industry Relations	FAC
Story	Ames	iPrismGlobal	Industry Relations	FAC
Story	Ames	Advanced Analytical Technologies, Inc.	Industry Relations	FAC
Story	Ames	Becker Underwood	Industry Relations	FAC
Story	Ames	CombiSep	Industry Relations	FAC
Story		Event in Story County	CIRAS	BAC
Story		Event in Story County	CIRAS	TAC
Story		Event in Story County	CIRAS	TAC
Story		Event in Story County	CIRAS	FAC
Story	Ames	Becker Underwood Inc	CIRAS	TAC
Story	Ames	Becker Underwood Inc	CIRAS	TAC
Story	Ames	ASCE Environmental and Water Resources Design Conference	CIRAS - ECE	PWD
Story	Ames	ASCE Iowa Section Annual Meeting	CIRAS - ECE	PWD
Story	Ames	ASCE Structural Engineering Conference	CIRAS - ECE	PWD
Story	Ames	ASCE Transportation Conference	CIRAS - ECE	PWD
Story	Ames	ASCE/ICEA Surveying Conference	CIRAS - ECE	PWD
Story	Ames	Bridge Inspection Refresher Training Course - NHI 130053A	CIRAS - ECE	PWD
Story	Ames	Electric Substation Short Course	CIRAS - ECE	PWD
Story	Ames	Iowa Better Concrete Conference	CIRAS - ECE	PWD
Story	Ames	Iowa County Engineers Association Midyear Meeting	CIRAS - ECE	PWD

Story	Ames	Iowa County Engineers Conference	CIRAS - ECE	PWD
Story	Ames	Land Acquisition Design Course - Volume IV	CIRAS - ECE	PWD
Story	Ames	Midwest Concrete Consortium	CIRAS - ECE	PWD
Story	Ames	Midwestern Protective Relay Short Course	CIRAS - ECE	PWD
Story	Ames	Pervious Concrete	CIRAS - ECE	PWD
Story	Ames	SCADA Short Course	CIRAS - ECE	PWD
Story	Ames	SLSI Annual Land Surveyors Conference	CIRAS - ECE	PWD
Story	Ames	Mary Greeley Medical Center	CIRAS	TAC
Story	Ames	Nisus Technologies, L.L.C.	CIRAS	TAC
Story	Ames	Turner Security	CIRAS	BAC
Story	Ames	Vibroacoustic Solutions, Inc.	CIRAS	TAC
Story	Huxley	Kreg Tool Co	CIRAS	TAC
Story	Nevada	ALMACO	CIRAS	TAC
Story	Nevada	Burke Marketing Corp	CIRAS	TAC
Story	Nevada	Mid-America Manufacturing Inc	CIRAS	TAC
Story	Nevada	Paragon International Inc	CIRAS	BAC
Story	Story City	American Packaging Corp	CIRAS	TAC
Story	Story City	Putco Inc	CIRAS	TAC
Story	Story City	Record Printing Co	CIRAS	TAC
Story	Ames	Advanced Analytical	Bessey Microscopy Facility	TAC
Story	Ames	Newlink Genetics	Bessey Microscopy Facility	TAC
Story	Ames	BioProtection Systems Corp	Confocal Microscopy Facility	TAC
Story	Ames	BioProtection Systems Corp	DNA Facility	TAC
Story	Ames	Boehringer Ingelheim Vetmedica	DNA Facility	TAC
Story	Ames	Kemin Biotechnology	DNA Facility	TAC
Story	Ames	Newlink Genetics	DNA Facility	TAC
Story	Ames	Stine Biotechnology	DNA Facility	TAC
Story	Ames	Boehringer Ingelheim Vetmedica	Hybridoma Facility	TAC
Story	Ames	BioForce Nanosciences	Image Analysis Facility	TAC
Story	Ames	Glycon Technology	Image Analysis Facility	TAC
Story	Ames	Boehringer Ingelheim Vetmedica	Protein Facility	TAC
Story	Ames	Glycon Technology	Protein Facility	TAC
Story Count	324			324
Tama	Garwin	GMG Schools	Biotechnology Outreach Education Center	OCOM
Tama	Traer	North Tama H S	Biotechnology Outreach Education Center	OCOM
Tama	Traer	Clearline Cutlery	College of Engineering	TAC
Tama	Toledo	Iowa Juvenile Home	Iowa Energy Center - Energy Resource Station	TAC
Tama	Tama	Tama County	CTRE/Bridge Engr. Center	TCOM
Tama		Tama Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM
Tama	Toledo	Toledo PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Tama		Tama County	CTRE/Local Technical Assistance Program	PWD
Tama	Tama	Ag Bio-Power	CIRAS - Partners	TAC
Tama Count	9			9
Taylor	Bedford	Bedford High School	Biotechnology Outreach Education Center	OCOM
Taylor	Lenox	Lenox Com. School	Biotechnology Outreach Education Center	OCOM
Taylor	Bedford	Bedford Area Economic Development Corporation	Community Vitality Center	BCOM
Taylor	Lenox	Lenox Development Corp.	Landscape Architecture	OCOM
Taylor	Bedford	Bedford Area Economic Development	College of Engineering	BCOM
Taylor	New Market	New Market School	Families Extension	FAC
Taylor	New Market	Dedicated Business Solutions	Families Extension	FAC
Taylor	Bedford	Bedford School	Families Extension	FAC
Taylor	Bedford	Gear for Sports	Families Extension	FAC
Taylor	Bedford	Farm Service Agency	Families Extension	FAC

	Taylor	Bedford	Natural Resources Conservation Service	Families Extension	FAC	
	Taylor	Bedford	HyVee	Families Extension	FAC	
	Taylor	Bedford	State Savings Bank	Families Extension	FAC	
	Taylor	Bedford	Taylor County Courthouse	Families Extension	FAC	
	Taylor	Bedford	Bedford Times Press	Families Extension	FAC	
	Taylor	Bedford	Taylor County Farm Bureau	Families Extension	FAC	
	Taylor	Bedford	Bedford Congregate Meal Site	Families Extension	FAC	
	Taylor	Bedford	Hardin Medical Clinic	Families Extension	FAC	
	Taylor	Bedford	Alegent Health Bedford Clinic	Families Extension	FAC	
	Taylor	Bedford	MG Machining	Families Extension	FAC	
	Taylor	Clearfield	Clearfield School	Families Extension	FAC	
	Taylor	Clearfield	Clearfield Congregate Meal Site	Families Extension	FAC	
	Taylor	Lenox	Lenox Schools	Families Extension	FAC	
	Taylor	Lenox	Union State Bank	Families Extension	FAC	
	Taylor	Lenox	Lenox Time Table	Families Extension	FAC	
	Taylor	Lenox	Precision Idler	Families Extension	FAC	
	Taylor	Lenox	Micheal's Foods	Families Extension	FAC	
	Taylor	Lenox	Dalton Ag Products	Families Extension	FAC	
	Taylor	Bedford	Bedford Area Economic Development	Families Extension	BCOM	
	Taylor	Lenox	Lenox Economic Development	Families Extension	BCOM	
	Taylor	Bedford	M G Machining	CIRAS	TAC	
	Taylor	Bedford	M G Machining	CIRAS	TAC	
	Taylor	Lenox	Bowman Machine Inc	CIRAS	BAC	
Taylor Count		33				33
	Union	Creston	Creston High School	Community Vitality Center	OCOM	
	Union	Creston	Bunn-O-Matic Corporation	IPRT Company Assistance-Materials	TAC	
	Union	Creston	City of Creston	Arts & Design	PWD	
	Union	Lorimor	City of Lorimor	Landscape Architecture	OCOM	
	Union	Creston	Gits Manufacturing	College of Engineering	FAC	
	Union	Creston	Southern Iowa Council of Governments	College of Engineering	BCOM	
	Union	Creston	Union County Development Association	College of Engineering	BCOM	
	Union	Creston	Southwest Community College	Iowa Energy Center - Energy Resource Station	OCOM	
	Union	Creston	Jeanann's Catering	Families Extension	PWD	
	Union	Creston	Creston PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Union	Creston	City of Creston	CTRE/Statewide Urban Design & Specs.	TAC	
	Union	Creston	Southern IA Council of Governments	CTRE/Statewide Urban Design & Specs.	TAC	
	Union	Creston	Union County	CTRE/Statewide Urban Design & Specs.	TAC	
	Union	Creston	Union County Development Association	Industry Relations	FAC	
	Union	Creston	Johnston Metal	CIRAS	BAC	
	Union	Lorimor	Winnebago Stitchcraft div.	CIRAS - Partners	TAC	
Union Count		16				16
	Van Buren	Keosauqua	Keosauqua High School	Community Vitality Center	OCOM	
	Van Buren	Keosauqua	Van Buren County	CTRE/Statewide Urban Design & Specs.	TAC	
	Van Buren	Birmingham	Birmingham Manufacturing, Inc.	CIRAS	BAC	
	Van Buren	Hills	Stutsman, Inc., Eldon C.	CIRAS	TAC	
	Van Buren	Keosauqua	Barker Co Ltd	CIRAS	BAC	
Van Buren Count		5				5
	Wapello	Eddyville	Eddyville-Blakesburg HS	Biotechnology Outreach Education Center	OCOM	
	Wapello	Ottumwa	Ottumwa H S	Biotechnology Outreach Education Center	OCOM	
	Wapello	Ottumwa	Ottumwa High School	Community Vitality Center	OCOM	
	Wapello	Eddyville	Ajinomoto USA, Inc.	IPRT Company Assistance-Contract Research	TAC	
	Wapello	Ottumwa	City of Ottumwa	Landscape Architecture	OCOM	
	Wapello	Eddyville	Cargill HFT	College of Engineering, Engr. Distance Educ.	PWD	

Wapello	Ottumwa	John Deere	College of Engineering, Engr. Distance Educ.	PWD
Wapello	Ottumwa/Centerville	Indian Hill Community College	Office of Intellectual Property & Tech. Transf.	FAC
Wapello	Ottumwa	Applebee's	Families Extension	PWD
Wapello	Ottumwa	HyVee	Families Extension	PWD
Wapello	Ottuma	Wapello County	CTRE/Bridge Engr. Center	TCOM
Wapello	Ottumwa	City of Ottumwa	CTRE/Nat. Concrete Pavement Technology. Ctr.	PWD
Wapello	Ottumwa	Ottumwa	CTRE/Gov. Traffic Safety Bureau	OCOM
Wapello		Wapello Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM
Wapello	Ottumwa	Area 15 Regional Planning Commission	CTRE/Statewide Urban Design & Specs.	TAC
Wapello	Eddyville	City of Eddyville	CTRE/Statewide Urban Design & Specs.	TAC
Wapello	Ottumwa	City of Ottumwa	CTRE/Statewide Urban Design & Specs.	TAC
Wapello	Ottumwa	Ideal Ready Mix Co., Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Wapello	Ottumwa	Norris Asphalt Paving Co.	CTRE/Statewide Urban Design & Specs.	TAC
Wapello	Ottumwa	Ottumwa Water & Hydro	CTRE/Statewide Urban Design & Specs.	TAC
Wapello	Ottumwa	Shafer, Kline & Warren, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Wapello	Ottumwa	Wapello County	CTRE/Statewide Urban Design & Specs.	TAC
Wapello	Eddyville	Iowa BioDevelopment	Industry Relations	FAC
Wapello		Event in Wapello	CIRAS	BAC
Wapello	Ottumwa	John Deere - Ottumwa	CIRAS - Partners	TAC
Wapello Count	25			
Warren	Indianola	Indianola Middle School	Biotechnology Outreach Education Center	OCOM
Warren	Norwalk	Norwalk H S	Biotechnology Outreach Education Center	OCOM
Warren	Indianola	The Village	Landscape Architecture	OCOM
Warren	Norwalk	City Employees	Families Extension	BWD
Warren	Indianola	Windsor Manor Assisted Living	Families Extension	PWD
Warren	Indianola	Indianola PD	CTRE/Gov. Traffic Safety Bureau	OCOM
Warren		Warren County	CTRE/Local Technical Assistance Program	PWD
Warren	Carlisle	City of Carlisle	CTRE/Statewide Urban Design & Specs.	TAC
Warren	Cumming	City of Cumming	CTRE/Statewide Urban Design & Specs.	TAC
Warren	Hartford	City of Hartford	CTRE/Statewide Urban Design & Specs.	TAC
Warren	Indianola	City of Indianola	CTRE/Statewide Urban Design & Specs.	TAC
Warren	Norwalk	City of Norwalk	CTRE/Statewide Urban Design & Specs.	TAC
Warren	Indianola	Herberger Construction Co., Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Warren	Cumming	John Bellizi	CTRE/Statewide Urban Design & Specs.	TAC
Warren	Norwalk	Kelly Cortum, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Warren	Carlisle	Sandstone Mgmt. Ltd.	CTRE/Statewide Urban Design & Specs.	TAC
Warren	Indianola	Sternquist Construction	CTRE/Statewide Urban Design & Specs.	TAC
Warren	Hartford	Triple R. Paving, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
Warren	Indianola	Vanderpool Construction	CTRE/Statewide Urban Design & Specs.	TAC
Warren Count	19			
Washington	Kalona	Iowa Mennonite School	Biotechnology Outreach Education Center	OCOM
Washington	Washington	Syngenta Seeds, Inc.	Office of Intellectual Property & Tech. Transf.	TT
Washington	Washington	Southeast Iowa Pork Producers	Iowa Pork Industry Center	TAC
Washington	Crawfordsville	WeHeLo Garden Club	ISU Research Farms	OCOM
Washington	Riverside	Bud's Custom Meats	ISU Extension	TAC
Washington	Washington	Modine Manufacturing Company	IPRT Company Assistance-NDE	TAC
Washington	Washington	City of Washington	Landscape Architecture/IDRO, Landscape Architectu	BCOM(2)
Washington	Washington	County Office	Community & Regional Planning	TAC
Washington	Washington	Farm Bureau/USDA/John Deere wind energy seminar	Iowa Energy Center	FAC
Washington	Washington	Syngenta	Families Extension	PWD
Washington		Washington Public Schools	Families Extension	PWD
Washington		Washington County Economic Development	Families Extension	PWD
Washington	Washington County	Washington	CTRE/Nat. Concrete Pavement Technology. Ctr.	PWD

	Washington	Washington	City of Washington	CTRE/Local Technical Assistance Program	PWD	
	Washington	Washington	Washington County	CTRE/Roadway Infrastructure	TCOM	
	Washington	Washington	City of Washington	CTRE/Statewide Urban Design & Specs.	TAC	
	Washington	Washington	Washington County public forum	Community & Regional Planning	TCOM	
Washington Count	17					17
	Wayne	Corydon	Wayne Com. High School	Biotechnology Outreach Education Center	OCOM	
	Wayne	Corydon	Shivvers, Inc.	College of Engineering	TAC	
	Wayne		Wayne Co. SO CK PT	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Wayne	Corydon	Wayne County	CTRE/Statewide Urban Design & Specs.	TAC	
	Wayne	Corydon	Sherer Cycling	CIRAS	TAC	
Wayne Count	5					5
	Webster	Fort Dodge	Com. Christian School, Fort Dodge	Biotechnology Outreach Education Center	OCOM	
	Webster	Burnside	SE Webster School	Biotechnology Outreach Education Center	OCOM	
	Webster	Harcourt	David Lundquist	Office of Intellectual Property & Tech. Transf.	TT	
	Webster	Fort Dodge	Fort Dodge Laboratories	Innovations Development Facility - PSI	FAC	
	Webster	Fort Dodge	Woodruff Companies	CCUR	FAC	
	Webster	Fort Dodge	Woodruff Companies	CCUR	FAC	
	Webster	Fort Dodge	Mid-Iowa Growth Partnership	Value Added Agriculture Program	FAC	
	Webster	Fort Dodge	Jerrod Frideres	IPRT Company Assistance-Materials	TAC	
	Webster	Fort Dodge	Josephson Manufacturing Company	IPRT Company Assistance-Materials	TAC	
	Webster	Fort Dodge	Josephson Manufacturing Company	IPRT Company Assistance-Materials	TAC	
	Webster	Fort Dodge	Fort Dodge Animal Health (Fort Dodge)	IPRT Company Assistance-Contract Research	TAC	
	Webster	Badger	City of Badger	Landscape Architecture	OCOM	
	Webster	Fort Dodge	ICCC ADA house in Fort Dodge	Arts & Design	TCOM	
	Webster	Fort Dodge	Smithway	College of Business	BAC	
	Webster	Fort Dodge	Watts Energy	Office of Intellectual Property & Tech. Transf.	BAC	
	Webster	Fort Dodge	Fort Dodge Animal Health	ISU Research Foundation	TT	
	Webster	Fort Dodge	Farm Bureau/USDA/John Deere wind energy seminar	Iowa Energy Center	FAC	
	Webster	Fort Dodge	Iowa Central Community College	Iowa Energy Center - BECON	OCOM	
	Webster	Fort Dodge	ServSafe Food Safety Course	Families Extension	BWD	
	Webster	Fort Dodge	Lighten Up Iowa-Hy-Vee, Fort Dodge Labs, Others	Families Extension	BWD	
	Webster	Fort Dodge	Land O Lakes, Smithway Trucking	Families Extension	BWD	
	Webster	Fort Dodge	PROSPER-Schools, Wal-Mart, Target, Farm Bureau, others	Families Extension	BWD	
	Webster	Fort Dodge	Construction Businesses, Contractors-Universal Design Trailer	Families Extension	BWD	
	Webster	Fort Dodge	Prisons	Families Extension	BWD	
	Webster	Webster City	Mary Anns Specialty Foods Inc	Families Extension	TAC	
	Webster	Fort Dodge	C&S Products	Families Extension	TAC	
	Webster	Gowrie	Gowrie PD	CTRE/Gov. Traffic Safety Bureau	OCOM	
	Webster		Private Citizen	CTRE/IA Traffic Safety Data Service	OCOM	
	Webster	Fort Dodge	City of Fort Dodge	CTRE/Statewide Urban Design & Specs.	TAC	
	Webster	Ft Dodge	Ferguson Enterprises	CTRE/Statewide Urban Design & Specs.	TAC	
	Webster	Fort Dodge	Fort Dodge Asphalt	CTRE/Statewide Urban Design & Specs.	TAC	
	Webster	Fort Dodge	Hovey Construction	CTRE/Statewide Urban Design & Specs.	TAC	
	Webster	Fort Dodge	MER Engineering, Inc.	CTRE/Statewide Urban Design & Specs.	TAC	
	Webster	Ft. Dodge	Midas Council of Governments	CTRE/Statewide Urban Design & Specs.	TAC	
	Webster	Badger	Nels Pederson Co., Inc.	CTRE/Statewide Urban Design & Specs.	TAC	
	Webster	Fort Dodge	Rasch Construction, Inc	CTRE/Statewide Urban Design & Specs.	TAC	
	Webster	Fort Dodge	Webster County Development	Industry Relations	FAC	
	Webster	Fort Dodge	Event in Webster County	CIRAS - Partners	BAC	
	Webster	Fort Dodge	Fort Dodge Animal Health	CIRAS - Partners	TAC	
	Webster	Fort Dodge	Fort Dodge Animal Health	CIRAS - Partners	TAC	
	Webster	Fort Dodge	Fort Dodge Animal Health	CIRAS - Partners	TAC	
	Webster	Fort Dodge	Josephson Manufacturing Co	CIRAS	TAC	

	Webster	Fort Dodge	Josephson Manufacturing Co	CIRAS	BAC
	Webster	Fort Dodge	New Cooperative Inc - Fort Dodge	CIRAS - Partners	BAC
	Webster	Fort Dodge	The Gator Center Machine	CIRAS	BAC
	Webster	Fort Dodge	Fort Dodge Animal Health	Cell Facility	TAC
	Webster	Fort Dodge	Fort Dodge Animal Health	DNA Facility	TAC
	Webster	Ames	Fort Dodge Animal Health	Hybridoma Facility	TAC
Webster Count	48				
	Winnebago	Forest City	Forest City HS	Biotechnology Outreach Education Center	OCOM
	Winnebago	Buffalo Center	North Iowa H S	Biotechnology Outreach Education Center	OCOM
	Winnebago	Leland	ProSoy Genetics	Office of Intellectual Property & Tech. Transf.	TT
	Winnebago	Leland	Thompson Seed	Office of Intellectual Property & Tech. Transf.	TT
	Winnebago	Forest City	Forest City High School	Community Vitality Center	OCOM
	Winnebago	Thompson	Heartland Power Cooperative	IPRT Company Assistance-Materials	TAC
	Winnebago	Forest City	3-M	Families Extension	PWD
	Winnebago	Buffalo Center	Bank Agency	Families Extension	PWD
	Winnebago	Buffalo Center	City of Buffalo Center	Families Extension	OCOM
	Winnebago	Lake Mills	Keith A. Johnson, DDS	Families Extension	PWD
	Winnebago	Lake Mills	Larson Contracting, Inc.	Families Extension	PWD
	Winnebago	Buffalo Center	L.B. Transport, Inc.	Families Extension	PWD
	Winnebago	Lake Mills	Mercy Family Care	Families Extension	OCOM
	Winnebago	Lake Mills	Dennis R. Thompson, OD	Families Extension	OCOM
	Winnebago	Thompson	Winn Co Farm Bureau	Families Extension	PWD
	Winnebago	Lake Mills	Winnebago Ins Agency	Families Extension	PWD
	Winnebago	Lake Mills	A Cut Above	Families Extension	PWD
	Winnebago	Forest City	The Anderson Agency	Families Extension	PWD
	Winnebago	Buffalo Center	BC Repair	Families Extension	PWD
	Winnebago	Buffalo Center	Bosma TV	Families Extension	OCOM
	Winnebago	Buffalo Center	Buffalo Center Public Library	Families Extension	OCOM
	Winnebago	Lake Mills	Headquarters Hair Design	Families Extension	PWD
	Winnebago	Thompson	J-K Builders	Families Extension	PWD
	Winnebago	Buffalo Center	Dr. Johnson & Son DDS	Families Extension	OCOM
	Winnebago	Lake Mills	City of Lake Mills	Families Extension	OCOM
	Winnebago	Forest City	Koenen Chiropractic Clinic	Families Extension	PWD
	Winnebago	Lake Mills	Lake Mills Seed House	Families Extension	PWD
	Winnebago	Buffalo Center	LD Sapp & Assoc.	Families Extension	PWD
	Winnebago	Forest City	North Iowa Plg Htg Elec Inc	Families Extension	PWD
	Winnebago	Forest City	Ron Holland Housemoving Inc	Families Extension	PWD
	Winnebago	Forest City	Senior Center	Families Extension	OCOM
	Winnebago	Lake Mills	Three Oaks Greenhouse	Families Extension	PWD
	Winnebago	Buffalo Center	Buffalo Center Tribune	Families Extension	PWD
	Winnebago	Lake Mills	Central Disposal Systems	Families Extension	PWD
	Winnebago	Lake Mills	Citizens Community Credit Union	Families Extension	PWD
	Winnebago	Forest City	City of Forest City	Families Extension	OCOM
	Winnebago	Lake Mills	Dielectric Corp	Families Extension	PWD
	Winnebago	Lake Mills	Fleetguard Inc	Families Extension	PWD
	Winnebago	Forest City	Forest City Aviation Inc	Families Extension	PWD
	Winnebago	Thompson	4 Seasons Travel	Families Extension	PWD
	Winnebago	Thompson	Heartland Power	Families Extension	PWD
	Winnebago	Forest City	Holland Contracting Corp.	Families Extension	PWD
	Winnebago	Lake Mills	Keith A. Johnson, DDS	Families Extension	OCOM
	Winnebago	Lake Mills	Lake Mills Comm School	Families Extension	OCOM
	Winnebago	Lake Mills	Larson Mfg. Co.	Families Extension	PWD
	Winnebago	Forest City	Manufacturers Bank & Trust	Families Extension	PWD

	Woodbury	Sloan	Westwood Community School Board	Iowa Energy Center	TCOM
	Woodbury	Sioux City	NutraFlo/Kay Dee Foods	Families Extension	TAC
	Woodbury	Salix	Headwaters Resources Inc	CTRE/Nat. Concrete Pavement Technology. Ctr.	PWD
	Woodbury	Sioux City	Buell Winter Mousel & Assoc	CTRE/Nat. Concrete Pavement Technology. Ctr.	PWD
	Woodbury	Sioux City	Certified Testing Services Inc.	CTRE/Nat. Concrete Pavement Technology. Ctr.	PWD
	Woodbury	Sioux City	City of Sioux City	CTRE/Nat. Concrete Pavement Technology. Ctr.	PWD
	Woodbury	Sioux City	DeWild Grant Reckert & Assoc Co.	CTRE/Nat. Concrete Pavement Technology. Ctr.	PWD
	Woodbury	Sioux City	Dotzler Engineering	CTRE/Nat. Concrete Pavement Technology. Ctr.	PWD
	Woodbury	Sioux City	FEH Assoc	CTRE/Nat. Concrete Pavement Technology. Ctr.	PWD
	Woodbury	Sioux City	Howard R Green Co	CTRE/Nat. Concrete Pavement Technology. Ctr.	PWD
	Woodbury	Sioux City	Iowa DOT	CTRE/Nat. Concrete Pavement Technology. Ctr.	PWD
	Woodbury	Sioux City	Kraco Contractors	CTRE/Nat. Concrete Pavement Technology. Ctr.	PWD
	Woodbury	Sioux City	Krage Consulting	CTRE/Nat. Concrete Pavement Technology. Ctr.	PWD
	Woodbury	Sioux City	Olsson Assoc	CTRE/Nat. Concrete Pavement Technology. Ctr.	PWD
	Woodbury	Sioux City	Rose Engineering	CTRE/Nat. Concrete Pavement Technology. Ctr.	PWD
	Woodbury	Sioux City	Schroder Eng	CTRE/Nat. Concrete Pavement Technology. Ctr.	PWD
	Woodbury	Sioux City	Standard Ready Mix Concrete	CTRE/Nat. Concrete Pavement Technology. Ctr.	PWD
	Woodbury	Sioux City	Woodbury County	CTRE/Nat. Concrete Pavement Technology. Ctr.	PWD
	Woodbury		Woodbury Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM
	Woodbury		Woodbury County	CTRE/Local Technical Assistance Program	PWD
	Woodbury	Sioux City	Barkley Asphalt Inc.	CTRE/Statewide Urban Design & Specs.	TAC
	Woodbury	Sioux City	Brian Catus Local Sys. Eng	CTRE/Statewide Urban Design & Specs.	TAC
	Woodbury	Sioux City	Brower Construction Co.	CTRE/Statewide Urban Design & Specs.	TAC
	Woodbury	Sioux City	Buell Winter Mousel & Associates, P.C.	CTRE/Statewide Urban Design & Specs.	TAC
	Woodbury	Sioux City	Certified Testing Services, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
	Woodbury	Sioux City	City of Sioux City	CTRE/Statewide Urban Design & Specs.	TAC
	Woodbury	S. Sioux City	Concrete Specialty, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
	Woodbury	Sioux City	Dewild Grant Reckert & Assoc.	CTRE/Statewide Urban Design & Specs.	TAC
	Woodbury	Sioux City	Iowa DOT	CTRE/Statewide Urban Design & Specs.	TAC
	Woodbury	Sioux City	Lessard Contracting, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
	Woodbury	Sioux City	Rose Engineering	CTRE/Statewide Urban Design & Specs.	TAC
	Woodbury	Sioux City	Schroder Engineering	CTRE/Statewide Urban Design & Specs.	TAC
	Woodbury	Sioux City	Sioux City Engineering	CTRE/Statewide Urban Design & Specs.	TAC
	Woodbury	Sioux City	Siouxland Interstate Metro Plan. Council	CTRE/Statewide Urban Design & Specs.	TAC
	Woodbury	Sioux City	Siouxland Reg. Trans.Planning Assoc.	CTRE/Statewide Urban Design & Specs.	TAC
	Woodbury	Sioux City	The Haakinson & Beaty Co., Inc.	CTRE/Statewide Urban Design & Specs.	TAC
	Woodbury	Sioux City	Utility Equipment Company	CTRE/Statewide Urban Design & Specs.	TAC
	Woodbury	Sergeant Bluff	Veenstra and Kimm, Inc.	CTRE/Statewide Urban Design & Specs.	TAC
	Woodbury	Sioux City	Woodbury County	CTRE/Statewide Urban Design & Specs.	TAC
	Woodbury	Sioux City	Event in Woodbury County	CIRAS - Partners	BAC
	Woodbury	Sioux City	Event in Woodbury County	CIRAS - Partners	TAC
	Woodbury	Sioux City	Event in Woodbury County	CIRAS - Partners	TAC
	Woodbury	Sioux City	Event in Woodbury County	CIRAS - Partners	BAC
	Woodbury	Sioux City	Missouri Valley Steel Co	CIRAS	TAC
	Woodbury	Sioux City	Sioux Rubber Applicators	CIRAS	TAC
	Woodbury	Sioux City	Solar Plastics Inc	CIRAS	TAC
Woodbury Count		59			59
	Worth	Northwood	City of Northwood	Landscape Architecture/IDRO	BCOM
	Worth	Manly	Manly PD	CTRE/Gov. Traffic Safety Bureau	OCOM
	Worth		Worth County	CTRE/Local Technical Assistance Program	PWD
	Worth	Joice	Brian Nettleton Excavating Inc.	CTRE/Statewide Urban Design & Specs.	TAC
	Worth	Northwood	Advanced Component Tech Inc	CIRAS	FAC
Worth Count		5			5

Wright	Clarion	Clarion-Goldfield School	Biotechnology Outreach Education Center	OCOM
Wright	Eagle Grove	Eagle Grove H S	Biotechnology Outreach Education Center	OCOM
Wright	Eagle Grove	Eagle Grove High School	Community Vitality Center	OCOM
Wright	Clarion	Hagie Manufacturing	College of Business	BAC
Wright	Clarion	Various Businesses-Diebetes Ed. Programs	Families Extension	BWD
Wright		Wright Co. SO	CTRE/Gov. Traffic Safety Bureau	OCOM
Wright		Wright County	CTRE/Local Technical Assistance Program	PWD
Wright	Clarion	City of Clarion	CTRE/Statewide Urban Design & Specs.	TAC
Wright	Eagle Grove	Iowa Testing Laboratories	Industry Relations	FAC
Wright	Belmond	Eaton Corp	CIRAS	TAC
Wright	Clarion	Hagie Manufacturing Co	CIRAS - Partners	TAC
Wright	Clarion	Hagie Manufacturing Co	CIRAS - Partners	TAC
Wright Count	12			12
Grand Count	3142			3142



University of Northern Iowa Annual Economic Development Report FY 2006

Section 1. Institutional Economic Development and Technology Transfer Programs

UNI's economic development services focus on the needs of the client in our niche strengths within the University: community and economic development, market research, environment, metal casting, executive development, new Iowans and entrepreneurship. The programs that deliver our niche assistance comprise the University's Business and Community Services Division (BCS), emphasizing hands-on assistance to businesses and communities to meet the individual needs of each client.

As our hands-on Business and Community Services staff are at the front doors of businesses in every Iowa county, we work to continuously assess and address their needs. In doing so, we are able to bring these needs back to our university community – the faculty, staff and students – for practical assistance in which all can play crucial roles. Outcomes achieved in key economic development and tech transfer programs during FY 2006 are outlined below.

1. Summary

Cumulative Overview

- BCS programs leveraged \$6 in private or federal support for each state \$1 invested in the programs.
- In aggregate, BCS programs served more than 2,900 business and community clients in FY 2006.
- Communities and businesses in all 99 counties were served.
- 140 faculty members and more than 1,450 students participated in economic development and technology transfer projects.

Entrepreneurship, Business Incubation and Intellectual Property

- The UNI Regional Business Center launched the statewide rollout of MyEntreNet – a rural entrepreneurship program. 4 new counties were selected for participation in the program – Poweshiek, Carroll, Decatur and Marion Counties.
- 800 rural entrepreneurs and small business owners registered on MyEntreNet and 268 were provided one-on-one technical assistance.
- The 3 incubator/accelerator programs helped start or expand 80 ventures, which have created more than 200 jobs. An additional 1,200 small businesses received counseling and training through the Small Business Development Center and John Pappajohn Entrepreneurial Center.
- 11 new disclosures were received in FY 2006.
- 3 new patents were filed.
- 2 new license agreements were negotiated.
- The Regional Business Center's downtown Waterloo incubator graduated 3 additional tenants into commercial space.
- Incubator graduates occupy more than 13,000 square feet of commercial space downtown commercial space.
- An urban accelerator program was launched in Northeast Waterloo.
- Incubator and MyEntreNet programs helped launch 44 new businesses into the Iowa economy.



Student Entrepreneurship

- 5 student entrepreneurs were tenants in the temporary student business incubator this year and 1 launched a business in the Iowa economy.
- Permanent student incubator space is under construction.

Market Research

- Strategic Marketing Services (SMS) assisted 21 business clients with 50 projects.
- Companies using the services of SMS report an average increase in employment of 16%.
- Market research was provided to 6 UNI tech transfer projects.

Local Economic Development

- The Institute for Decision Making (IDM) added 35 new community clients to its Community Partners Program.
- IDM has served more than one-half of the communities in Iowa since inception.
- Community economic development organizations report that 1,500-2,000 jobs per year are created as a result of IDM's technical assistance.
- IDM assisted eight regional economic development groups with planning, marketing and capacity building.
- The highly regarded Heartland Economic Development Course, a nationally accredited economic development course created and directed by IDM, achieved record enrollment of 71 participants.

Waste Reduction and Environmental Assistance

- The Iowa Waste Reduction Center (IWRC) provided environmental technical assistance and on-site reviews to more than 276 small businesses in the past year.
- 20 companies adopted new environmental technologies through a special federal grant program.
- The IWRC developed and commercialized a virtual reality painting and coating training system.
- 100 military personnel received training through the STAR4D program in the past year.

Executive and Professional Development

- 85 workshops were provided to 1,400 business professionals in 60 businesses in the past year by the Executive Development Center.

Metal Casting/Foundry Assistance

- 50 individual research projects were conducted in 2006.
- Technical assistance was provided to 20 foundries.
- Federal funding was received to research bio-based foundry binders.



2. Technology Transfer and Intellectual Property

FY 2006

	ISU	UI	UNI
1. Number of disclosures of intellectual property			11
2. Number of patent applications filed			5
3. Number of patents issued			5
4. Number of license and option agreements executed on institutional intellectual property			2
5. Number of license and option agreements yielding income			11
6. Royalties/license fee income			\$32,004
7. Revenue to Iowa companies as a result of licensed technologies			\$5,900,000
8. Total sponsored funding			\$19,966,355
9. Sponsored funding for research			\$1,113,248
10. Corporate-sponsored funding for research and economic development and revenue generation (excludes corporate philanthropy)			\$1,760,925
11. Iowa special appropriations for economic development and technology transfer			\$361,291

FY 2007

12. Iowa special appropriations for economic development and technology transfer			\$361,291
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3. Overview of UNI’s Economic Development Programs

UNI outreach services for community and economic development activity are outlined in a table format on the following five pages. The format provides a brief overview of each program, its purpose, who is served and outcomes (both FY 2006 and cumulative). Together, the programs served approximately 2,900 communities and/or businesses in the past year.



Overview of UNI's Economic Development Programs (continued)

Programs	Services	Those Typically Served	FY 2006 Results	Cumulative Results
National Ag-Based Lubricants (NABL) Center <i>Formerly ABIL</i>	Biobased lubricants research, testing services, performance standards and certification	Serving companies and individuals developing or using biobased lubricants	<ul style="list-style-type: none"> ✓ Developed soy-based wood preservative technique to replace toxic creosote and CCA's currently in use. ✓ Investigated energy efficiency gains from use of soy-greases and industrial soy-based hydraulic fluids. ✓ Expanded laboratory capability to better serve biolubricants users and biolubricants industry. 	<ul style="list-style-type: none"> ✓ Over 30 soy lubricants, greases, metalworking fluids and specialty products developed to date. ✓ Forming a national testing and certification center to become the national leader in biobased lubricants.
Institute for Decision Making (IDM)	Hands-on community and economic development guidance and research	Serving economic development organizations, chambers, communities and others	<ul style="list-style-type: none"> ✓ Hands-on community and economic development assistance and research provided to 48 community partners and 9 regional development groups. ✓ 29 economic impact analyses were completed this year. 	<ul style="list-style-type: none"> ✓ Served 475 communities, counties and groups in nearly all of Iowa's counties to date. ✓ Community clients report 1,500 – 2,000 new jobs annually as a result of IDM assistance.
John Pappajohn Entrepreneurial Center (JPEC)	Research, education and linkage to seed and venture capital resources	Serving student and faculty entrepreneurs at UNI, new ventures and rapidly growing small companies	<ul style="list-style-type: none"> ✓ Three UNI student businesses entered the statewide business plan competition. ✓ More than 80 attendees enjoyed the UNI Entrepreneurship Symposium. ✓ 1239 businesses and individuals were assisted. ✓ 5 students were served as tenants in the temporary student business incubator. 	<ul style="list-style-type: none"> ✓ The \$1.6 million Cedar Valley Venture Fund is managed by the UNI JPEC and has invested in five new Iowa business ventures.



<p>UNI Regional Business Center/ Small Business Development Center (RBC/SBDC)</p>	<p>Rural Entrepreneurship development system, online entrepreneurship resources, business consulting, business training, incubator</p>	<p>Small and medium sized businesses, entrepreneurs, service providers to entrepreneurs</p>	<ul style="list-style-type: none"> ✓ Rural Entrepreneurship Development System (MyEntreNet) launched in Carroll, Decatur, Marion and Poweshiek counties in FY 2006. ✓ More than 800 rural entrepreneurs registered on MyEntre.Net. ✓ 78 trainings, workshops or seminars hosted, serving 1,069 participants during FY 2006. ✓ 268 entrepreneurs served with 1:1 technical assistance. 	<ul style="list-style-type: none"> ✓ MyEntreNet system is active in 10 Iowa counties statewide. ✓ RBC incubator has graduated 25 companies, creating 47 new FTE jobs, \$1.9 million in investment and 9,000 sf in downtown infill. ✓ SBDC has served an average of 900 small companies annually since 1998, with technical assistance or training services.
<p>Iowa Waste Reduction Center (IWRC)</p>	<p>Free, confidential, non-regulatory environmental assistance for small businesses</p>	<p>Serving small businesses throughout Iowa</p>	<ul style="list-style-type: none"> ✓ Environmental technical assistance and on-site reviews were provided to 276 small businesses. ✓ Approximately 100 military personnel received training at the STAR4D facility. 	<ul style="list-style-type: none"> ✓ More than 3,000 on-site reviews have been conducted with Iowa small businesses.
<p>Iowa Center for Immigrant Leadership and Integration (ICILI)</p>	<p>Helping Iowa communities and businesses accommodate the needs of newcomers</p>	<p>Serving communities, faith-based organizations and businesses</p>	<ul style="list-style-type: none"> ✓ Jointly created a new manual for immigrant entrepreneurship in Iowa. ✓ Worked with 20 companies and communities to better meet the needs of newcomers. 	<ul style="list-style-type: none"> ✓ Assistance in accommodating the needs of newcomers has been provided to more than 100 Iowa companies. ✓ More than 20,000 copies to date of four different guides/manuals (and untold electronic copies).



<p>Tallgrass Prairie Center (TPC)</p>	<p>Research, techniques, education and source-identified seed for restoration and preservation of native vegetation</p>	<p>Serving Iowa counties, state and federal agencies, commercial producers of source identified seed, the community of educators and students and others</p>	<ul style="list-style-type: none"> ✓ Roadside vegetation research for restoring right-of-ways was provided to the Iowa Department of Transportation and native seeds distributed to 50 counties in Iowa. ✓ Hosted National Roadside Vegetation Management Assoc. annual meeting in Des Moines. 	<ul style="list-style-type: none"> ✓ More than 10,000 acres of roadway right-of-way have been restored to native vegetation.
<p>Center for Energy and Environmental Education (CEEE)</p>	<p>Innovative educational and technical advice related to energy, environment and community-based agriculture</p>	<p>Serving Iowa teachers, classrooms, and farmers</p>	<ul style="list-style-type: none"> ✓ Energy efficiency, environmental education assistance, and local economic development assistance was provided to 306 educational institutions, farmers, and food vendors in 121 different communities and 50 counties. 	<ul style="list-style-type: none"> ✓ Energy efficiency, environmental education assistance, and local economic development assistance has been provided to 2,016 educational institutions, farmers, and food vendors in 140 different communities and 56 counties.
<p>Executive Development Center (EDC)</p>	<p>Management and professional training workshops and certificate programs</p>	<p>Serving Iowa businesses and organizations</p>	<ul style="list-style-type: none"> ✓ Specialized business management training provided in 85 workshops to 1,400 business professionals in 60 businesses during the past year. 	<ul style="list-style-type: none"> ✓ Since 1998, has provided training in 979 workshops to 17,255 business professionals.



<p>Recycling and Reuse Technology Transfer Center (RRTTC)</p>	<p>Recycling and by-products research, education and outreach</p>	<p>Serving Iowa businesses the recycling industry and Iowa citizens.</p>	<ul style="list-style-type: none"> ✓ Research project funding and outreach services related to recycling and reuse were provided to 30 companies and organizations 	<ul style="list-style-type: none"> ✓ Over 35 RRTTC funded research projects. Over 160 reports and publications available. ✓ Outreach and services provided to over 3200 individuals each year, including business/industry, K-12 students and teachers, and Iowa citizens.
<p>Metal Castings Center (MCC)</p>	<p>Metal casting technologies, applied research, testing and training</p>	<p>Serving Iowa foundries and foundry suppliers</p>	<ul style="list-style-type: none"> ✓ Maintained active contracts with 12 companies, provided outreach projects to 2 Iowa foundries and technical assistance to 20 additional foundries. ✓ Received federal funding for research into bio-based foundry binders. 	<ul style="list-style-type: none"> ✓ Over 50 industry funded research projects have been completed to date.
<p>Strategic Marketing Services (SMS)</p>	<p>Market research and analysis</p>	<p>Serving businesses, entrepreneurs and non-profit organizations</p>	<ul style="list-style-type: none"> ✓ Market research and analysis services were provided to 18 Iowa companies. 	<ul style="list-style-type: none"> ✓ Since 1990, market research and analysis services have been provided to 242 Iowa companies.
<p>Sustainable Tourism and Environment Program (STEP)</p>	<p>Sustainable tourism planning and policy assistance</p>	<p>Serving businesses, government and non-government organizations, and special interest and community groups</p>	<ul style="list-style-type: none"> ✓ Tourism training and technical assistance was provided to 5 county tourism groups and 1 multi-county regional sustainable tourism project. 	<ul style="list-style-type: none"> ✓ Market research feasibility and economic impact studies have been provided to 40 counties or communities.



<p>Materials Innovation Service (MIS)</p>	<p>Mechanical, physical and chemical tests of metals, polymers and cementitious materials</p>	<p>Serving Iowa manufacturers and suppliers</p>	<p>✓ Technical assistance provided to more than 100 individuals. Testing contracts from nine companies.</p>	<p>✓ Technical assistance or testing provided to approximately 100 individuals each year. Over 14,800 hours of testing provided since the beginning of the program.</p>
<p>Geoinformatics Training, Research, Education and Extension Center (GeoTREE)</p>	<p>Geospatial technologies, education, research, and outreach activities for federal, state, local and tribal agencies</p>	<p>Serving federal, state, local and tribal (FSLT) government agencies (NASA)</p>	<p>✓ 5 educational workshops held at UNI in new computer teaching lab with over 100 people in attendance ✓ Worked in conjunction with the Iowa Department of Natural Resources and Department of Public Health to apply geospatial data to solve problems</p>	<p>✓ GeoTREE Center was established in January 2006.</p>



4. Collaboration for Economic Development (Examples)

IDM and IDED Launch Existing Business Initiative

IDM provided six *Existing Business Initiative* workshops in a collaborative effort with the Iowa Department of Economic Development (IDED) during December 2005 and January 2006. More than 125 economic developers from utility companies, community colleges, Council's of Government, along with county-wide and city development groups attended the half day interactive sessions. These workshops are the initial proactive efforts by IDED to support local economic development organizations in implementing or increasing their existing business retention and expansion efforts. In addition, IDM worked with IDED to create an Existing Business Initiatives Tool Kit that is accessible through the www.iowalifechanging.com website.

IDM Collaborates with Iowa Workforce Development

The Institute for Decision Making (IDM) and Iowa Workforce Development (IWD) worked together on a number of projects in FY 2006. IDM worked with faculty and students from UNI's Mathematics Department. The Workforce Model that IWD uses to estimate the total potential labor force for laborshed analysis was updated by IDM staff. The update involved a statistical analysis of the laborshed surveys that have been completed over the previous two years. The results of that analysis are then utilized to make adjustments to the Workforce Model. IDM staff also completed a research report for IWD entitled *Characteristics of Laborshed Respondents Over Time: 1999-2005*. To complete the project, IDM staff created a master dataset of 39,000 laborshed surveys that had been completed between July 1999 and October 2005. As part of the report, IDM provided IWD staff with recommendations for tracking laborshed data trends and improving the laborshed sampling process to better reflect the population.

In addition to working with IWD on laborshed research, IDM partnered with IWD to conduct a regional cluster analysis for two different regional economic development efforts in Eastern Iowa. In completing the regional cluster analyses, IDM worked with IWD staff from multiple bureaus within IWD's Policy and Information Division as well as staff from the IWD Workforce Center that serves the two regions.

UNI and ISU Conduct Collaborative Laboratory Tests

The National Agriculture-Based Lubricants Center's (NABL) collaboration with Iowa State University is an example of UNI's cooperation with other educational institutions. In one of several ongoing projects, NABL scientists are conducting laboratory tests as part of research being conducted by Dr. Robert Brown, ISU Office of Biorenewables Programs. This testing will investigate the potential to collect byproduct gases from the gasification and eventual pyrolysis as a revenue-bearing addition to future biorefinery processes. Two distinct joint projects are on the horizon requiring teamwork from both Iowa State University and NABL: one involves research at both institutions, targeted at eventual bioproduct development and commercialization; the second project involves educational outreach for biolubricants and the state's growing bioeconomy. The NABL Center has collaborated with ISU professors on at least two research grant proposals submitted in the past year.

GeoTREE Assists Iowa DNR

Surface water quality in agricultural states like Iowa ranks among the worst in the nation. The Geoinformatics Training, Research, Education and Extension (GeoTREE) center at UNI is closely working with the Iowa DNR



to explore whether the combination of satellite data and water sampling and analysis can simplify and accelerate the protocol for assessing water quality in Clear Lake. Traditional methods, such as water sample collection and analysis in the lab, for water quality assessment yield accurate measurements for one point in time and space and is expensive, laborious, and does not provide temporal or spatial overviews of water-quality trends. In order to overcome these problems, the GeoTREE members are studying the relationships between satellite data and laboratory measurements using geostatistical models that can provide information in an understandable form for decision-makers. We anticipate several outcomes from these research efforts including: (1) development of new water quality assessment and prediction methodologies beneficial to local, regional, and national agencies across the country and the world; (2) establishment of collaborations and partnerships between researchers at UNI, NASA-Kennedy Space Center (KSC) and IDNR; and (3) experiential learning for undergraduate and graduate students.

Tallgrass Prairie Center and Iowa DOT Pursue joint Projects

In cooperation with the Iowa DOT, the Tallgrass Prairie Center (TPC) reconstructed a 20 acre prairie in Plainfield, Iowa (Bremer County) and will monitor the long-term effects of mowing, haying and burning on native plant composition. In addition, a study of the effects Canada Wild Rye has on native plant establishment and growth when seeded as a nurse crop in a reconstructed prairie is ongoing with the DOT. Over the duration of this partnership, more than 10,000 acres of roadway right-of-way have been restored to native vegetation.

5. Client and Project Summary

See Appendix A for a complete list of UNI clients and projects by county.



Section 2: Grow Iowa Values Projects

Overview: Pursuant to its FY 2006 Grow Iowa Values Fund proposal, the University of Northern Iowa used its expertise to expand and stimulate economic growth across the state in these areas:

- Technology transfer and business incubation,
- Rural entrepreneurship,
- Market research,
- Regional development and
- National Ag-Based Lubricants Center.

Project 1. Technology Transfer and Business Incubation

Summary: Under Project 1 - Technology Transfer and Business Incubation, UNI focused on blending its new Intellectual Properties and Technology Transfer programs with its highly regarded Business and Community Services programs. Accomplishments in Technology Transfer and Business Incubation include:

- Hired a combined full-time Intellectual Property Officer (IPO) and Technology Transfer Coordinator (TTC)
- Developed and integrated a Tech Transfer Team
- Identified and developed a position classification for a Director of Tech Transfer and Business Incubation
- Awarded 5 competitive research incentive grants to spur intellectual properties
- Offered temporary Student Business Incubator space and services to inspire and educate UNI students interested in entrepreneurship
- Assigned staff to begin marketing and screening potential tenants for the Innovation Accelerator/Incubator
- Promoted campus-wide technology transfer education and marketing

Outcomes/Metrics: Following are specific accomplishments and outcomes of Technology Transfer and Business Incubation:

Area 1: Technology Transfer

Highlights from the UNI Technology Transfer Team and staff include the following.

- The Office of Intellectual Property received 11 invention disclosures from faculty and staff. Of these, 7 were judged to have market potential and were forwarded for development; 2 were returned to the inventors; 2 remain under consideration.
- Students submitted 4 disclosures. None were forwarded to the UNI Research Foundation.
- 5 patents were secured.
- 3 patents were licensed.
- 4 researchers or research groups are partnering with Iowa businesses to commercialize inventions.
- The first annual Commercializing Creative Endeavors conference was held in October 2005, drawing more than 50 faculty and staff attendees.
- 5 faculty researchers or research teams were awarded Grow Iowa Values Fund summer research grants. Please refer to Appendix B for further information.



Area 2: Business Incubation

Highlights from UNI’s GIVF business incubation efforts focused primarily on students until the Innovation Accelerator is completed. These highlights include:

- 5 student entrepreneurs were tenants in temporary Student Business Incubator.
- 1 student graduated and launched his/her business in Iowa.
- Student businesses incubated or served with virtual incubator services launched or tested the following ventures: Spanish translation service, Spanish newspaper publication, internet/e-commerce investments and innovations, bookkeeping/accounting, financial planning services, commodity broker, bio-diesel production, catering & cookie bouquets, and sales.
- The Regional Business Center incubator in downtown Waterloo remains full with 3 recent graduates moving into commercial downtown space.

Technology Transfer and Business Incubation

	As of 6/30/06
Revenue	
State appropriations	
GIVF	\$ 249,803.04
General Fund:	
Federal Support:	\$ 1,041,445.00
In-kind contributions	
Other:	
Total	\$ 1,291,248.04
Expenditures	
Salaries & Fringe Benefits	
Faculty	\$ 14,382.33
Professional and Scientific	\$ 225,305.19
General services	
Hourly (Student)	\$ 1,881.72
Supplies	\$ 2,276.99
Noncap equipment	\$ 5,796.01
Rentals/Travel	\$ 160.80
Utilities	
Equipment	
Other	\$ 1,041,445.00
Total	\$ 1,291,248.04

*Matching funds are being provided by the Department of Energy (DOE) for the construction of an Innovation Accelerator and SBA for the Student Business Incubator. This amount is for construction and design of the Innovation Accelerator and Student Incubator for the period July 1, 2005 – June 30, 2006.



Project 2. Rural Entrepreneurship Development

Summary: Under Project 2 - Rural Entrepreneurship Development, the Regional Business Center focused on expanding access and services for rural entrepreneurs through its MyEntreNet program. MyEntreNet had the following accomplishments:

- Created community-based support networks for entrepreneurs
- Provided start-up and existing companies with advanced technical assistance and training
- Assisted potential and existing entrepreneurs with needed capital
- Connected entrepreneurs and resources in rural regions

Outcomes/Metrics: Following are specific outcomes and accomplishments of the Rural Entrepreneurship Development project:

Area 1: Continued technical assistance with the Northeast Iowa MyEntreNet six-county region previously launched in 2004-05

Highlights from the continuation of MyEntreNet efforts in a 6-county region of NE Iowa include:

- 101 regional leaders and 206 rural entrepreneurs from the 6 NE Iowa counties of Clayton, Delaware, Fayette, Allamakee, Howard and Winneshiek received training, technical assistance, or counseling.
- 23 major events were hosted onsite in NE Iowa, providing 3,335 hours of direct assistance.
- Over 100 NE Iowa entrepreneurs enrolled in NE Iowa's online MyEntreNet community, consisting of a regionally customized web application, a business library, online counseling and coaching, discussion forums, e-learning events and a listserv.

Area 2: Model Development

Highlights from the development of a replicable MyEntreNet model include:

- More than 600 Iowa entrepreneurs have registered at www.myentre.net.
- 3-4 working professionals from each of 9 different fields- in each region- were recruited and provided free email coaching to entrepreneurs via an interactive team coaching section of the MyEntreNet site.
- Regional Navigators will be identified and online in all 8 counties, resulting in over 200 professionals online serving new and existing rural business owners.

Area 3: A competitive RFP process for communities statewide to select and launch two new MyEntreNet regions

Highlights from the competitive RFP process and resulting addition of 2 new MyEntreNet regions include:

- 9 applications were received from all areas of the state.
- Carroll County in western Iowa and Poweshiek County in central Iowa were competitively selected to launch MyEntreNet systems in January, 2006.
- 2 Listening Posts were held in each county, engaging 82 individuals representing education, the existing business community, youth, minorities and political leadership.
- Both counties completed an annual work plan to support entrepreneurial development in the coming year.
- A total of 131 regional leaders and 155 rural entrepreneurs participated in one or more services since January of 2006.

A summary of the above Area 1 and Area 3 outcomes depicts that the demand for entrepreneurship services far outweighed our expectations as 232 regional leaders and 361 entrepreneurs were served with one or more onsite or online services during 2005-06.



2005-06 Rural Entrepreneurship Services	Community Leaders Served (50)	Entrepreneurs Served (100)	Total Served (150)
Assistance to NE Iowa Counties*	101	206	307
Carroll/Poweshiek Counties	131	155	286
Total Served	232	361	593

*Howard, Winneshiek, Clayton, Allamakee, Fayette and Delaware Counties

Economic impact documented from these efforts is depicted in the following table:

2005-06 Economic Impact	New/Expanded Businesses (20)	Jobs Created (75)	Business Saved (10)	Jobs Saved (30)	Commercial/Equity Investment (\$3M)
NE Iowa Counties	34	58.5	4	32	\$2,043,000
Carroll/Poweshiek Counties*	2	13	0	0	100,000**
Total	36	71.5	4	32	\$2.14M

* Carroll and Poweshiek have minimal economic impact to report as the first contact with regional entrepreneurs in those areas did not occur until early March of 2006.

** Commercial investment information was not available for one of the Carroll County expansions.

Rural Entrepreneurial Development

	As of 6/30/06
Revenue	
State appropriations	
GIVF	\$155,000.00
General Fund:	
Federal Support:	\$120,600.13
In-kind contributions	
Other: IWEC	\$34,525.87
Total	\$310,126.00
Expenditures	
Salaries	
Faculty	\$0.00
Professional and Scientific	\$184,832.06
General services	\$49,268.55
Hourly	\$0.00
Supplies	\$5,729.46
Rentals/Travel	\$9,073.00
Utilities	\$761.93
Equipment	\$1,712.00
Other	\$58,749.00
Total	\$310,126.00

Matching funds were provided by the Iowa Women’s Enterprise Center and Federal funds (NASA and SBA).



Project 3. Market Research

Summary: Under Project 3 - Market Research, UNI focused on market research projects for start-up businesses, existing businesses and tourism/quality-of-life ventures to expand and stimulate economic growth across Iowa. Specific accomplishments during this project include:

- Improved competitive intelligence for Iowa companies.
- Provided initial market screening and identified potential competitors for UNI faculty and staff research.

Outcomes/Metrics: Following are specific outcomes and accomplishments of Market Research.

Area 1: Market Research Projects – Strategic Marketing Services (SMS) conducted 8 market research projects with Iowa companies using partial support from the GIVF and participation from the companies. 2 of the projects were related to advanced manufacturing and 1 related to the bioeconomy.

Projects Completed as of June 30, 2006

- Woodgrain Specialties, Cedar Falls
- IMT, Garner
- Iowa Metal Spinners, Cedar Falls
- Wayne's Wonder Water, Dike
- Swaledale Bio-Village, Swaledale
- Bandag-Speedco, Muscatine
- Bio-Village, Swaledale
- Port-A-Vet, Hudson

While it's still too early to document outcomes from most of the above companies, one company, Woodgrain Specialties has had early success. This small start-up company doubled sales, doubled the size of their production facility, and doubled the number of plant employees. They said SMS gave them the background information they needed, gave them direction, and opened the door for them to go from individual sales to commercial sales.

Area 2: Market Research Plans and Assessments - SMS consulted with 8 clients (Iowa companies and entrepreneurs) about their businesses and prepared a Market Research Plan/Strategic Plan, which was an assessment of their situation and a plan to address it, along with associated costs.

Projects Completed as of June 30, 2006

- Soy Basics, New Hampton
- Poe Construction, Montezuma
- Team Technologies, Cedar Falls
- Record Printing Company, Story City
- Metal Casting Center, Cedar Falls
- GMT, Waverly
- Iowa Stored Energy Plant
- Black Hawk Engineering, Cedar Falls



Area 3: Assistance to UNI's Technology Transfer Program - The UNI Research Foundation (UNIRF) supported 50% of Phase One research and GIVF supported 50%. SMS conducted 6 Phase One research projects for UNI Technology Transfer opportunities.

Market Research

	As of June 30, 2006
Revenue	
State appropriations	
GIVF	120,000.00
General fund:	8,632.59
Federal Support	
In-kind contributions	
Other	
Program Revenue	108,242.33
NASA	4,358.28
Totals	\$241,233.20
Expenditures	
Salaries	
Faculty	
Professional and Scientific	162,151.52
General services	14,338.43
Hourly	
Fringe Benefits	
Professional and scientific	58,251.77
General services	5,822.82
Supplies	9.99
Rentals	
Utilities	
Equipment	
Other (printing and travel)	658.67
Totals	\$241,233.20

Matching funds were provided by program revenue and Federal funds (part of NASA funding) and the College of Business Administration.



Project 4. Capacity Building to Help Regions Succeed

Summary: Under Project 4 - Capacity Building to Help Regions Succeed, the Institute for Decision Making (IDM) committed to facilitate the formation or advancement of at least two economic regions in Iowa. As a result of GIVF, IDM built regional capacity for success in 8 regions and collaborated with Iowa Workforce Development (IWD) to serve another. IDM directly facilitated forming or advancing regional economic development capacity with regional partners in 53 counties.

Outcomes/Metrics: To best describe the work completed for Capacity Building to Help Regions Succeed, we have reported outcomes by region. Following are specific assistance and outcomes for regions.

North Central Iowa Growth Partnership Marketing Alliance—Counties of Cerro Gordo, Floyd, Franklin, Hancock, Mitchell, Winnebago, and Worth

- Provided specific research and analysis to enhance and focus on implementing the results of a recently completed Iowa Workforce Development cluster study of the region.
- Completed the targeting, meeting the region’s needs for useful, implementation-focused specific industry information and identifying targeted industries compatible with labor availability and community assets.

Western Iowa Advantage Region—Counties of Adair, Audubon, Carroll, Crawford, Greene, Guthrie, Sac, and Ida

- Area developers, with IDM’s advice and counsel, conducted an inventory of their major employers and unique products, services and processes companies might have in order to learn more about competitive advantages.
- IDM completed a cluster study update and a targeting study based on the regional cluster analysis.
- Provided extensive capacity building assistance to Ida County.

Northeast Iowa Business Network—Counties of Allamakee, Chickasaw, Clayton, Delaware, Fayette, Howard, and Winneshiek

- Assisted the marketing group/local developers on a monthly basis and maintained regular communication, providing advice and counsel.
- Collaborated with an advertising agency to work through creation of a regional logo, Web site, and brochure, as detailed in the adopted marketing plan.
- Assisted IWD to complete a cluster analysis to identify where and to whom to market.
- Assisted in implementing the marketing plan, finalizing the brochure, and setting the brand.

Southwest Iowa Marketing Group—Counties of Adams, Cass, Fremont, Ringgold, Montgomery, Shelby, Page and Taylor

- Engaged the group in teambuilding, developing collaboration, and building trust, along with communicating principles of economic development marketing.
- Gathered marketing input regarding audiences and strategies.
- Prepared a marketing overview.
- Developed and assisted the region in finalizing a marketing plan.
- Assisted in organizing a fund drive for the marketing match.

A quote from the President of the Southwest Iowa Coalition had this to say about IDM’s assistance, “IDM’s, technical assistance for community and economic development, is vitally important to rural areas in particular.



Without these resources, we would have an even greater challenge taking advantage of opportunities that increase the quality of life for area residents and add to the state of Iowa's overall economy vitality." Testimonial letters have been received from all regions receiving IDM's assistance.

Iowa Northland Regional Economic Development Commission—Counties of Black Hawk, Bremer, Buchanan, Butler, Chickasaw, and Grundy

- Helped to organize and then facilitated collaboration for the region's successful marketing-grant application for \$150,000 with local match of \$150,000 (over 3 years).

Iowa Connections—Counties of Benton, Jasper, Marshall, Poweshiek, and Tama

- Facilitated and guided regional partners to make common-ground decisions.
- Developed the protocols and a formal memorandum of understanding for how marketing and prospect leads will be handled and what the responsibilities are for the partners.

Off-Shore Iowa (formerly Regional Info-Tech Centers)—Communities of Oelwein, Algona, Osceola, Mount Pleasant, and Harlan, which are located in the counties of Fayette, Kossuth, Clarke, Henry, and Shelby, respectively.

- Conducted in-depth community assessments for *Off-Shore Iowa*. *Off-Shore Iowa* involves the joint development and marketing of built-to-suit or speculative facilities suitable for the location of business operations that rely on the availability of significant telecommunications access in a place that also affords the labor skills necessary to support information related operations.
- Planned and facilitated meetings between involved organizations on at least a quarterly basis.
- Served as point of contact for working with various resources and agencies that may serve to enhance the *Off-Shore Iowa* efforts.
- Outlined the initial marketing approach to be used to promote *Off-Shore Iowa*.
- Developed an RFP for marketing assistance.
- *Off-Shore Iowa* recently received \$25,000 in cooperative entrepreneurial funding from IDDED, through a grant application completed by IDM, to assist the group in developing and marketing build-to-suit proposals to companies with annual sales in excess of \$300 million.

River Hills Initiative—Counties of Appanoose, Davis, Jefferson, Keokuk, Lucas, Mahaska, Monroe, Van Buren, Wapello, and Wayne

- Finalized the regional economic development marketing plan.



Capacity Building to Help Regions Succeed

Finalized the regional economic development marketing plan.	As of 6/30/06
Revenue	
State appropriations	
GIVF	\$140,000.00
General Fund:	
Federal Support:	\$122,815.85
In-kind contributions	
Other:	\$ 17,615.44
Total	\$280,431.29
Expenditures	
Salaries	
Faculty	
Professional and Scientific	\$279,756.03
General services	
Hourly	\$39.27
Supplies	
Rentals/Travel	\$635.99
Utilities	
Equipment	
Other	
Total	\$280,431.29

Matching funds were provided by Federal funds (NASA, EDA, NETSB, COPC, Student Incubator) and contractual revenue.



Project 5. National Ag-based Lubricants (NABL) Center

Summary: Under Project 5 - National Ag-based Lubricants (NABL) Center, UNI focused on filling the bio-products industry's need for expert support to assure renewable lubricants meet performance specifications; quality, certification and labeling requirements; and applicable regulatory measures. Accomplishments of this project included:

- Expanded biobased lubricant testing capability through equipment purchases and staff training
- Improved biobased lubricant testing credibility through standard operating procedures development and ISO 9001 certification work.

Outcomes/Metrics: Following are specific outcomes of the NABL accomplishments.

Area 1: Expanding the NABL Center's Technical Capability

- Existing tribology laboratory equipment was tested and calibrated by the appropriate equipment manufacturers.
- Specific pieces of laboratory and testing equipment have been identified for third-year acquisition. Equipment research is 100% completed.
- Equipment purchase process is ongoing, with 90% of planned purchases completed.
- Approximately 60% of purchased equipment has been installed.
- 2 additional pieces of test equipment have been donated to the Center as cost share.

Area 2: Developing NABL Center Scientific Staff Resources

- NABL scientists completed manufacturers' on-site training sessions with the following test equipment: Compass Instruments training - Falex Wheel Bearing Test Apparatus; Koehler Instruments training - Grease Evaporation Loss Test, Grease Mobility Test, Oil Separation Test, Copper Corrosion Test; Tannas Instruments - Rotating Bomb Oxidation Tests (RBOT).

Area 3: Developing Standard Policies and Procedures Needed To Facilitate Development of the Nation's Biobased Lubricant Industry

- Standard operating procedures have been established and documented for 90% of planned laboratory equipment and processes.
- ISO 9001 certification was identified as a necessity for a provider of testing services. NABL has established a committee to prepare the Center for ISO certification. Internal evaluation is ongoing, and the NABL quality manual has been completed.
- NABL scientists are participating in round robin testing for ASTM 2983; Low Temperature Viscosity of Lubricants, Measured by Brookfield Viscometer.



UNI - National Ag-Based Lubricants

	As of 6/30/06
Revenue	
State appropriations	
GIVF	\$ 194,229
General fund:	
Federal Support: DOE	\$ 248,344
In-kind contributions	
Other:	
Totals	\$ 442,573
Expenditures	
Salaries	
Faculty	
Professional and scientific	\$ 251,198
General services	
Hourly	
Supplies	\$ 186
Rentals	
Utilities	
Equipment	\$ 5,256
Other	\$ 185,934
Totals	\$ 442,573

Note: Federal support was used to support the NABL project from July – October. The DOE would not allow the GIVF match until formal notification of funding was received from the Board of Regents.



Client and Project Summary

Key to Acronyms

CEEE - Center for Energy and Environmental Education Center
EDC - Executive Development Center
GeoTREE - GeoInformatics Training, Research, Educ & Exten
ICILI - Iowa Center for Immigrant Leadership and Integration
IDM - Institute for Decision Making
IWRC - Iowa Waste Reduction Center
JPEC - John Pappajohn Entrepreneurial Center
MCC - Metal Casting Center

NABL - National Ag-Based Industrial Lubricants
RBC/SBDC - Regional Business Center/Small Business Development Center
RR TTC - Recycling and Reuse Technology Transfer Center
MIS - Materials Innovation Services
SMS - Strategic Marketing Program
STEP - Sustainable Tourism and The Environment Program
TPC - Tallgrass Prairie Center
IRVM - Integrated Roadside Vegetation Management

Community or Business	County	State	Industry	Counseling Provided	Program
Orient-Macksburg - Orient	Adair	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Western Iowa Advantage	Adair	IA	Economic Development	Economic Development Assistance	IDM
County Roadside Mgrs. Winter Mtg.	Adair	IA	Roadside Vegetation Management	1-Day Training	IRVM
Adair	Adair	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Corning Elementary - Corning	Adams	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Southwest Iowa Marketing Coalition	Adams	IA	Economic Development	Economic Development Assistance	IDM
Northeast Iowa Business Network	Allamakee	IA	Economic Development	Economic Development Assistance	IDM
Postville	Allamakee	IA	Agriculture, Forestry, and Fishing (01-09)	Air Assistance	IWRC
Keystone Area Education Agency 1	Allamakee	IA	Education	Entrepreneurship Educational Tools	RBC/SBDC
NE Iowa Entrepreneurs	Allamakee	IA	Retail/Manufacturing/Service/Technology	Business Succession Planning & Training	RBC/SBDC
NE Iowa Rural Roundtable- fall & Spring	Allamakee	IA	Economic Development	Entrepreneurship Development	RBC/SBDC
Northern Iowa Entrepreneurs	Allamakee	IA	Retail/Manufacturing/Service/Technology	Hosted Entrepreneurship Roundtable	RBC/SBDC
Lansing Building Products - Lansing	Allamakee	IA	Manufacturing	Market Research	SMS
Appanoose County EDC	Appanoose	IA	Economic Development	Economic Impact	IDM



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River Hills Initiative	Appanoose	IA	Economic Development	Economic Development Assistance	IDM
Centerville	Appanoose	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Centerville	Appanoose	IA	Manufacturing (20-39)	Air Assistance	IWRC
Appanoose CCB	Appanoose	IA	Natural Resource Management	Technical Workshop	TPC
Wild Design LandScaping	Appanoose	IA	Natural Resource Management	Technical Workshop	TPC
Western Iowa Advantage	Audubon	IA	Economic Development	Economic Development Assistance	IDM
County Roadside Managers Winter Mtg.	Audubon	IA	Roadside Vegetation Management	1-Day Training	IRVM
A & L Melons - Vinton	Benton	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
AnnaBeth's Gardens - Garrison	Benton	IA	Fruits & Vegetables & Garden Center	Buy Fresh/Buy Local Campaign	CEEE
Balvin, Denise - Belle Plaine	Benton	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Belle Plaine	Benton	IA	Farmers Market	Buy Fresh/Buy Local Campaign	CEEE
Bloomsbury Farm - Atkins	Benton	IA	Fruits & Vegetables & Garden Center	Buy Fresh/Buy Local Campaign	CEEE
Botanical Goodness - Keystone	Benton	IA	Fruits & Vegetables, Egg & Poultry, Meat Producers	Buy Fresh/Buy Local Campaign	CEEE
Cedar Valley Farm - Urbana	Benton	IA	Egg & Poultry Producers, Meat Prod	Buy Fresh/Buy Local Campaign	CEEE
Circle W Acres - Belle Plaine	Benton	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
JT's Weed Patch Gardens - Vinton	Benton	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Kleiner, Charles & Carolyn - Vinton	Benton	IA	Fruits & Vegetables, Egg & Poultry	Buy Fresh/Buy Local Campaign	CEEE
Little Red Barn - Vinton	Benton	IA	Fruits & Vegetables, Egg & Poultry Prod	Buy Fresh/Buy Local Campaign	CEEE
McClain's Gardens - Vinton	Benton	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Moser's Wildwood Gardens - Garrison	Benton	IA	Fruits & Vegetables, Egg & Poultry Prod	Buy Fresh/Buy Local Campaign	CEEE
Nature Trail Greenhouses, Inc. - Urbana	Benton	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Newhall Locker & Processing - Newhall	Benton	IA	Meat Lockers	Buy Fresh/Buy Local Campaign	CEEE
Strawberry Acres - Shellsburg	Benton	IA	Fruits & Vegetables, Garden Centers	Buy Fresh/Buy Local Campaign	CEEE
Vinton	Benton	IA	Farmers Market	Buy Fresh/Buy Local Campaign	CEEE
Vinton-Shellsburg Elementary - Vinton	Benton	IA	Elementary School	Solar Cooking	CEEE
Werner, Clint - Luzerne	Benton	IA	Fruits & Vegetables, Egg & Poultry Prod	Buy Fresh/Buy Local Campaign	CEEE
Womochil, Gene - Mount Auburn	Benton	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Youngville	Benton	IA	Farmers Market	Buy Fresh/Buy Local Campaign	CEEE
Iowa Connections	Benton	IA	Economic Development	Economic Development Assistance	IDM



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County Roadside Managers Winter Mtg.	Benton	IA	Roadside Vegetation Management	1-Day Training	IRVM
Urbana	Benton	IA	Wholesale Trade (50-51)	On-Site Assistance	IWRC
NE Iowa Rural Roundtable- fall & Spring	Benton	IA	Economic Development	Entrepreneurship Development	RBC/SBDC
Abebe, Ruby - Waterloo	Black Hawk	IA	Meat Producers	Buy Fresh/Buy Local Campaign	CEEE
Allen Memorial Hospital - Waterloo	Black Hawk	IA	Health Care	Buy Fresh/Buy Local Campaign	CEEE
Barn Happy - Cedar Falls	Black Hawk	IA	Garden Centers	Buy Fresh/Buy Local Campaign	CEEE
Bena's Restaurant - Cedar Falls	Black Hawk	IA	Restaurants	Buy Fresh/Buy Local Campaign	CEEE
Black Hawk Farmers Market - Cedar Falls	Black Hawk	IA	Farmers Market	Buy Fresh/Buy Local Campaign	CEEE
Boeke, Phyllis - Cedar Falls	Black Hawk	IA	Fruits & Vegetables, Garden Centers	Buy Fresh/Buy Local Campaign	CEEE
Bohr, Joseph - Cedar Falls	Black Hawk	IA	Fruits & Vegetables & Garden Center	Buy Fresh/Buy Local Campaign	CEEE
Brown's Garden - Waterloo	Black Hawk	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Bunger Middle School ECHOES - W'loo	Black Hawk	IA	Middle School	Solar Model Car Construction	CEEE
C U Restaurant - Waterloo	Black Hawk	IA	Restaurants	Buy Fresh/Buy Local Campaign	CEEE
Cedar Falls	Black Hawk	IA	Farmers Market	Buy Fresh/Buy Local Campaign	CEEE
Cedar Falls Community Schools	Black Hawk	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Central Middle - Waterloo	Black Hawk	IA	Middle School	Solar Model Car Construction	CEEE
Cottonwood Canyon Coffee - Cedar Falls	Black Hawk	IA	Restaurants	Buy Fresh/Buy Local Campaign	CEEE
Country Garden - LaPorte City	Black Hawk	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
County Line Bison - Hudson	Black Hawk	IA	Meat Producers	Buy Fresh/Buy Local Campaign	CEEE
Cup of Joe - Cedar Falls	Black Hawk	IA	Restaurants	Buy Fresh/Buy Local Campaign	CEEE
D & K Foods Gilbertville	Black Hawk	IA	Grocers	Buy Fresh/Buy Local Campaign	CEEE
Drinovsky, Roger & Peggy - Hudson	Black Hawk	IA	Fruits & Vegetables, Egg & Poultry Prod	Buy Fresh/Buy Local Campaign	CEEE
Evansdale	Black Hawk	IA	Farmers Market	Buy Fresh/Buy Local Campaign	CEEE
Fitkin, Jim - Cedar Falls	Black Hawk	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Flower Farm - Cedar Falls	Black Hawk	IA	Garden Centers	Buy Fresh/Buy Local Campaign	CEEE
Friendship Village - Waterloo	Black Hawk	IA	Health Care	Buy Fresh/Buy Local Campaign	CEEE
Fuggiti Apple Orchard - Waterloo	Black Hawk	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Garbes Herb Farm - Waterloo	Black Hawk	IA	Fruits & Vegetables & Garden Centers	Buy Fresh/Buy Local Campaign	CEEE
Gary Tedore Orchard - LaPorte City	Black Hawk	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Gary's Café - Waterloo	Black Hawk	IA	Restaurants	Buy Fresh/Buy Local Campaign	CEEE



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Gibson's Century Farm - Waterloo	Black Hawk	IA	Egg & Poultry Producers, Honey Farms	Buy Fresh/Buy Local Campaign	CEEE
Gilbertville Locker, Inc. - Gilbertville	Black Hawk	IA	Meat Lockers	Buy Fresh/Buy Local Campaign	CEEE
Hand Krafted Treasures - Evansdale	Black Hawk	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Hansen's Farm Fresh Dairy - Hudson	Black Hawk	IA	Dairy Producers	Buy Fresh/Buy Local Campaign	CEEE
Heartland Farms - Waterloo	Black Hawk	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Heritage Farm - Hudson	Black Hawk	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Hesse, Vern - Cedar Falls	Black Hawk	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Hoffman Produce - Waterloo	Black Hawk	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Holmes Junior High ECHOES - Cedar Falls	Black Hawk	IA	Middle School	Solar Model Car Construction	CEEE
Hometown Foods - Waterloo	Black Hawk	IA	Grocers	Buy Fresh/Buy Local Campaign	CEEE
Hoover Middle School - Waterloo	Black Hawk	IA	Middle School	Solar Model Car Construction	CEEE
J & B Goods - LaPorte City	Black Hawk	IA	Fruits & Vegetables, Garden Centers	Buy Fresh/Buy Local Campaign	CEEE
Jag's Java Express - Cedar Falls	Black Hawk	IA	Restaurants	Buy Fresh/Buy Local Campaign	CEEE
Jefferson Greenhouse & Orchard - Dunkerton	Black Hawk	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Jenkins, Bob - Gilbertville	Black Hawk	IA	Honey Farms	Buy Fresh/Buy Local Campaign	CEEE
Kiefer Produce - Waterloo	Black Hawk	IA	Fruits & Vegetables, Garden Centers	Buy Fresh/Buy Local Campaign	CEEE
L & L Fresh Vegetables - Waterloo	Black Hawk	IA	Fruits & Vegetables, Garden Centers	Buy Fresh/Buy Local Campaign	CEEE
La Porte City	Black Hawk	IA	Farmers Market	Buy Fresh/Buy Local Campaign	CEEE
Laura Lobeck - Waterloo	Black Hawk	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Litteaur's Garden Produce - Waterloo	Black Hawk	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
M.A.P.L.E.S. Neighborhood Association - W'loo	Black Hawk	IA	Farmers Market	Buy Fresh/Buy Local Campaign	CEEE
Montage - Cedar Falls	Black Hawk	IA	Restaurants	Buy Fresh/Buy Local Campaign	CEEE
Mt Vernon Road Country Market - CF	Black Hawk	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Pablo's Mexican Café - Cedar Falls	Black Hawk	IA	Restaurants	Buy Fresh/Buy Local Campaign	CEEE
Peet Junior High School - Cedar Falls	Black Hawk	IA	Middle School	Solar Model Car Construction	CEEE
Price Laboratory School - Cedar Falls	Black Hawk	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
R.L. Smith, Ltd. - Cedar Falls	Black Hawk	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Root's Market - Cedar Falls	Black Hawk	IA	Grocers	Buy Fresh/Buy Local Campaign	CEEE
Rose Hill Farm - Hudson	Black Hawk	IA	Fruits & Vegetables, Garden Centers	Buy Fresh/Buy Local Campaign	CEEE
Rudy's Tacos - Waterloo	Black Hawk	IA	Restaurants	Buy Fresh/Buy Local Campaign	CEEE
Sage of the Woods Farm - Cedar Falls	Black Hawk	IA	Egg & Poultry Producers	Buy Fresh/Buy Local Campaign	CEEE



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Sash's Garden Varieties - Cedar Falls	Black Hawk	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
St. Patrick School - Cedar Falls	Black Hawk	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Steamboat Gardens - Waterloo	Black Hawk	IA	Restaurants	Buy Fresh/Buy Local Campaign	CEEE
Stiles, Bruce T. - Waterloo	Black Hawk	IA	Garden Centers	Buy Fresh/Buy Local Campaign	CEEE
Tatonka Farm - Dunkerton	Black Hawk	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
UNI Dining Services - Cedar Falls	Black Hawk	IA	University	Buy Fresh/Buy Local Campaign	CEEE
Walnut Ridge Baptist - Waterloo	Black Hawk	IA	Elementary School	Technical Education/Energy Efficiency, Environmental Issues Instruction	CEEE
Water's Edge - Cedar Falls	Black Hawk	IA	Garden Centers	Buy Fresh/Buy Local Campaign	CEEE
Waterloo	Black Hawk	IA	Farmers Market	Buy Fresh/Buy Local Campaign	CEEE
Western Home - Cedar Falls	Black Hawk	IA	Health Care	Buy Fresh/Buy Local Campaign	CEEE
Advanced Heat Treat - Waterloo	Black Hawk	IA	Manufacturing	Training	EDC
Allen Health System - Waterloo	Black Hawk	IA	Health Care	Training	EDC
American HomePatient - Waterloo	Black Hawk	IA	Health Care	Training	EDC
Bossard - Cedar Falls	Black Hawk	IA	Manufacturing	Training	EDC
Building Products, Inc. - Evansdale	Black Hawk	IA	Manufacturing	Training	EDC
Cedar Falls Utilities - Cedar Falls	Black Hawk	IA	Service	Training	EDC
City of Cedar Falls - Cedar Falls	Black Hawk	IA	Service	Training	EDC
ConAgra Grocery Products - Waterloo	Black Hawk	IA	Manufacturing	Training	EDC
CUCCC - Cedar Falls	Black Hawk	IA	Service	Training	EDC
Eagle Ottawa- Waterloo	Black Hawk	IA	Manufacturing	Training	EDC
Emdeon Corporation - Waterloo	Black Hawk	IA	Manufacturing	Training	EDC
Exceptional Persons, Inc. - Waterloo	Black Hawk	IA	Service	Training	EDC
Ferguson - Waterloo	Black Hawk	IA	Service	Training	EDC
John Deere Community Credit Union - Waterloo	Black Hawk	IA	Financial	Training	EDC
John Deere Waterloo Works - Waterloo	Black Hawk	IA	Manufacturing	Training	EDC
Liberty Bail Bonds - Waterloo	Black Hawk	IA	Service	Training	EDC
Maid Pro - Waterloo	Black Hawk	IA	Service	Training	EDC
ME&V - Cedar Falls	Black Hawk	IA	Service	Training	EDC
NE Family Practice - Waterloo	Black Hawk	IA	Health Care	Training	EDC
Rabo AgriFinance - Cedar Falls	Black Hawk	IA	Financial	Training	EDC



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The Mudd Group - Cedar Falls	Black Hawk	IA	Service	Training	EDC
University Book & Supply - Cedar Falls	Black Hawk	IA	Retail	Training	EDC
VGM Financial - Waterloo	Black Hawk	IA	Financial	Training	EDC
Viking Pump, Inc - Cedar Falls	Black Hawk	IA	Manufacturing	Training	EDC
Waterloo Implement - Hudson	Black Hawk	IA	Retail	Training	EDC
Waterloo Industries, Inc - Waterloo	Black Hawk	IA	Manufacturing	Training	EDC
Wheaton Franciscan Healthcare - Waterloo	Black Hawk	IA	Service	Training	EDC
Black Hawk County	Black Hawk	IA	County Government	Education & Research activities in Geospatial technologies	GeoTREE
City of Cedar Falls	Black Hawk	IA	City Government	Education & Research activities in Geospatial technologies	GeoTREE
City of Evansdale	Black Hawk	IA	City Government	Education & Research activities in Geospatial technologies	GeoTREE
City of Waterloo	Black Hawk	IA	City Government	Education & Research activities in Geospatial technologies	GeoTREE
Natural Resources Conservation Services	Black Hawk	IA	US Government Agency	Education & Research activities in Geospatial technologies	GeoTREE
Radio La Buena	Black Hawk	IA	Workforce Development	Newcomer Worker Orientation	ICILI
Greater Cedar Valley Alliance - Waterloo & Cedar Falls	Black Hawk	IA	Economic Development	Economic Development Assistance	IDM
INRCOG	Black Hawk	IA	Economic Development	Economic Development Assistance	IDM
Opportunity Works - Multi-community	Black Hawk	IA	Economic Development	Economic Development Assistance	IDM
Waterloo, City of	Black Hawk	IA	City Government	Economic Development Assistance	IDM
County Roadside Managers Winter Mtg.	Black Hawk	IA	Roadside Vegetation Management	1-Day Training	IRVM
Prescribed Fire Mgmt Workshop 1	Black Hawk	IA	Natural Resource Management	5-Day Training	IRVM
Cedar Falls	Black Hawk	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Cedar Falls	Black Hawk	IA	Services (70-89)	On-Site Assistance	IWRC
Cedar Falls	Black Hawk	IA	Services (70-89)	On-Site Assistance	IWRC
Cedar Falls	Black Hawk	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Cedar Falls	Black Hawk	IA	Services (70-89)	Air Assistance	IWRC



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Cedar Falls	Black Hawk	IA	Manufacturing (20-39)	Air Assistance	IWRC
Hudson	Black Hawk	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Waterloo	Black Hawk	IA	Manufacturing (20-39)	Air Assistance	IWRC
Waterloo	Black Hawk	IA	Construction (15-17)	Air Assistance	IWRC
Waterloo	Black Hawk	IA	Construction (15-17)	On-Site Assistance	IWRC
Waterloo	Black Hawk	IA	Services (70-89)	Air Assistance	IWRC
Waterloo	Black Hawk	IA	Services (70-89)	On-Site Assistance	IWRC
Waterloo	Black Hawk	IA	Services (70-89)	On-Site Assistance	IWRC
Waterloo	Black Hawk	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Waterloo	Black Hawk	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Waterloo	Black Hawk	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Cedar Falls	Black Hawk	IA	Family History Preservation	Start-up	JPEC
Cedar Falls	Black Hawk	IA	Lanuage Translation	Start-up	JPEC
Cedar Falls	Black Hawk	IA	E-commerce	Start-up	JPEC
Cedar Falls	Black Hawk	IA	Accounting/Business Services	Start-up	JPEC
Cedar Falls	Black Hawk	IA	Public Relations	Succession Planning	JPEC
Waterloo	Black Hawk	IA	Non-Profit	Start-up	JPEC
Waterloo	Black Hawk	IA	Pet Product Manufacturing	Start-up	JPEC
Waterloo	Black Hawk	IA	Hobby Car Manufacturing	Start-up	JPEC
John Deere Waterloo Works	Black Hawk	IA	Consulting		MCC
Roskamp	Black Hawk	IA	Consulting		MCC
Black Hawk Engineering	Black Hawk	IA	Manufacturing	Testing/Research	NABL
Cedar Falls City Parks & Trails - CF	Black Hawk	IA	Manufacturing	Testing/Research	NABL
Dr. Budke	Black Hawk	IA	Manufacturing	Testing/Research	NABL
UNI Metal Casting Center - CABB	Black Hawk	IA	Manufacturing	Testing/Research	NABL
Cedar Falls High School	Black Hawk	IA	Education	Youth Entrepreneurship Training	RBC/SBDC
Cedar Valley Entrepreneurs (19)	Black Hawk	IA	Retail/Manufacturing/Service/Tech	Smart Start	RBC/SBDC
City of Waterloo	Black Hawk	IA	Municipality	Entrepreneurship Development	RBC/SBDC
Eastern Iowa Entrepreneurs	Black Hawk	IA	Retail/Manufacturing/Service/Technology	Comprehensive Entrepreneurship Training	RBC/SBDC
Main Street Waterloo	Black Hawk	IA	Downtown Development	Economic Restructuring Training	RBC/SBDC/IDM
Main Street Waterloo	Black Hawk	IA	Non-Profit	Entrepreneurship Development	RBC/SBDC
NE Iowa Rural Roundtable	Black Hawk	IA	Economic Development	Entrepreneurship Development	RBC/SBDC
Professional Business Women Assoc.	Black Hawk	IA	Retail/Manufacturing/Service/Technology	Business Expansion Strategies	RBC/SBDC



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Waterloo Neighborhood EDC	Black Hawk	IA	Economic Development	Neighborhood Revitalization	RBC/SBDC/IDM
Cedar Falls Utilities - Cedar Falls	Black Hawk	IA	Utility	Market Research	SMS
Iowa Metal Spinners - Cedar Falls	Black Hawk	IA	Manufacturing	Market Research	SMS
Porta Vet - Hudson	Black Hawk	IA	Manufacturing	Market Research	SMS
Ramps and Pathways - Cedar Falls	Black Hawk	IA	Education	Market Research	SMS
Western Home - Cedar Falls	Black Hawk	IA	Service	Market Research	SMS
Cedar Falls Tourism & Visitor Bureau	Black Hawk	IA	Tourism	Tourism Training	STEP
Waterloo Convention & Visitor Bureau - Waterloo	Black Hawk	IA	Tourism	Tourism Training	STEP
15 UNI Grounds	Black Hawk	IA	Natural Resource Management	Technical Workshop	TPC
20 CF residents	Black Hawk	IA	Natural Resource Management	Public Presentation	TPC
Black Hawk SWCD	Black Hawk	IA	Natural Resouce Management	Technical Workshop	TPC
Iowa Prairie Network	Black Hawk	IA	Natural Resouce Management	Technical Workshop	TPC
Cedar Falls & Carroll	Black Hawk & Carroll	IA	Newspaper	Start-up	JPEC
Prescribed Fire Mgmt Workshop 2	Black Hawk (2)	IA	Natural Resource Management	5-Day Training	IRVM
Cedar Falls	Black Hawk	IA	Water Recreation	Start-up	JPEC
Cedar Falls	Black Hawk	IA	Evaluation of Business Plan	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Home Maintenance	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Music	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	House Cleaning	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Music Marketing	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Dental	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Maintenance & Repair	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Daycare	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Motorcycle Retail	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Public Relations	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Information Technology	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Music Management	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Music/Band	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Dance Studio	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Welding & Fabrication	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Daycare	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	E-commerce	Start-up	JPEC



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Cedar Falls/Waterloo	Black Hawk	IA	Dinner Theatre	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Rural Tourism	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Personal Trainer	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Travel	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Non-Profit	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Clothing Retail	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Parking Facility	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Education	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Karoke	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Clinical Practice	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Retail	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Clinical Practice	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Personal Trainer	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Advertising	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Painting	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Sports	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Photography	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Photography	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	International Shipping	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Food Wholesale	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Bridal Shop	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Water Recreation	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	E-commerce	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Photography	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Food Co-op	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Consulting	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Non-Profit	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Karoke	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Publishing	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Technology Consulting	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Retail	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	E-commerce	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Vehicle Restoration Software	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Accounting/Business Services	Start-up	JPEC



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Cedar Falls/Waterloo	Black Hawk	IA	Restaurant	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Consulting	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Restaurant	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Technology Consulting	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Veterinarian	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Retail	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Horse Training	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Art Retail	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Franchising	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Green Technology	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Accounting/Business Services	Start-up	JPEC
Cedar Falls/Waterloo	Black Hawk	IA	Restaurant	Start-up	JPEC
60 county residents	Black Hawk	IA	Natural Resource Management	Seminar Presentation	TPC
*Iowa Waste Reduction Center - New Environmental Technologies for Small Business	Black Hawk	IA	Technical Assistance	Materials Testing & Consulting	MIS
Engineered Products	Black Hawk	IA	Manufacturing	Materials Testing	MIS
Omega Cabinets	Black Hawk	IA	Manufacturing	Materials Testing	MIS
Standard Golf	Black Hawk	IA	Manufacturing	Materials Testing	MIS
Howe Elementary - Ogden	Boone	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Iowa 4H State Conference - Ames	Boone	IA	Middle School	Solar Model Car Construction	CEEE
Boone's Futures	Boone	IA	Economic Development	Economic Development Assistance	IDM
Boone	Boone	IA	Manufacturing (20-39)	Air Assistance	IWRC
Boone County Biodiesel	Boone	IA	Manufacturing	Testing/Research	NABL
Area Prairie Enthusiasts (12)	Boone	IA	Education	Presentation	IRVM
Bahr, Mark & Lois - Sumner	Bremer	IA	Egg & Poultry Producers	Buy Fresh/Buy Local Campaign	CEEE
Bartels Lutheran Home - Waverly	Bremer	IA	Health Care	Buy Fresh/Buy Local Campaign	CEEE
Blueridge Orchard - Denver	Bremer	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Cedar Valley Honey Farms - Waverly	Bremer	IA	Honey Farms	Buy Fresh/Buy Local Campaign	CEEE
Centennial Oaks Golf Club - Waverly	Bremer	IA	Restaurants	Buy Fresh/Buy Local Campaign	CEEE
Clausing, Craig - Waverly	Bremer	IA	Meat Producers	Buy Fresh/Buy Local Campaign	CEEE
Community Lutheran - Readlyn	Bremer	IA	Elementary School	Technical Education/Energy Efficiency	CEEE



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Dixieland Farms - Janesville	Bremer	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Evergreen Santa's Forest - Plainfield	Bremer	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Flanscha, Lynn L. - Plainfield	Bremer	IA	Egg & Poultry Producers, Meat Producers	Buy Fresh/Buy Local Campaign	CEEE
Frederika Locker - Frederika	Bremer	IA	Meat Lockers	Buy Fresh/Buy Local Campaign	CEEE
Genuine Faux Farm - Tripoli	Bremer	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Janesville Locker, Inc. - Janesville	Bremer	IA	Meat Lockers	Buy Fresh/Buy Local Campaign	CEEE
Kate McDonald & Matt Janssen - Janesville	Bremer	IA	Fruits & Vegetables, Garden Centers	Buy Fresh/Buy Local Campaign	CEEE
Living Earth Farm - Waverly	Bremer	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
M & K Produce - Waverly	Bremer	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Marten's Brandenburg - Waverly	Bremer	IA	Restaurants	Buy Fresh/Buy Local Campaign	CEEE
Real World Education - Wavrly	Bremer	IA	High School	Electric Car Construction	CEEE
Roger's Drive Inn Market - Janesville	Bremer	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Roth, Duane & Shelly - Janesville	Bremer	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Roth, Melvin - Janesville	Bremer	IA	Egg & Poultry Producers	Buy Fresh/Buy Local Campaign	CEEE
Sonja & Otto Bast Farm - Readlyn	Bremer	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Steege's Meat Market & Locker Service-Readlyn	Bremer	IA	Meat Lockers	Buy Fresh/Buy Local Campaign	CEEE
Sumner Locker - Sumner	Bremer	IA	Meat Lockers	Buy Fresh/Buy Local Campaign	CEEE
Timber Ridge Bison - Waverly	Bremer	IA	Meat Producers	Buy Fresh/Buy Local Campaign	CEEE
Tripoli	Bremer	IA	Farmers Market	Buy Fresh/Buy Local Campaign	CEEE
Washington Irving - Waverly	Bremer	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Waverly	Bremer	IA	Farmers Market	Buy Fresh/Buy Local Campaign	CEEE
CUNA Mutual - Waverly	Bremer	IA	Service	Training	EDC
GMT Corporation - Waverly	Bremer	IA	Manufacturing	Training	EDC
Larabee Center - Waverly	Bremer	IA	Service	Training	EDC
Northern Iowa Therapy - Waverly	Bremer	IA	Health Care	Training	EDC
Schumacher Elevator - Denver	Bremer	IA	Manufacturing	Training	EDC
Terex Cranes - Koehring Cranes - Waverly	Bremer	IA	Manufacturing	Training	EDC
Waverly Health Center - Waverly	Bremer	IA	Service	Training	EDC
ELM	Bremer	IA	Economic Development	Economic Impact	IDM
INRCOG	Bremer	IA	Economic Development	Economic Development	IDM



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				Assistance	
Opportunity Works - Multi-community	Bremer	IA	Economic Development	Economic Development Assistance	IDM
Waverly Area Development Group	Bremer	IA	Economic Development	Economic Development Assistance	IDM
Denver	Bremer	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Janesville	Bremer	IA	Manufacturing (20-39)	Air Assistance	IWRC
Waverly	Bremer	IA	Services (70-89)	On-Site Assistance	IWRC
Waverly	Bremer	IA	Manufacturing (20-39)	Air Assistance	IWRC
Do-it Corporation	Bremer	IA	Manufacturing	Materials Testing	MIS
Environmental Lubricants Manufacturing - Plainfield	Bremer	IA	Manufacturing	Testing/Research	NABL
GMT Corp. - Waverly	Bremer	IA	Manufacturing	Testing/Research	NABL
Iowa DOT- Waverly	Bremer	IA	Public Works	Testing/Research	NABL
Waverly City Parks - Waverly	Bremer	IA	Public Works	Testing/Research	NABL
Eastern Iowa Entrepreneurs	Bremer	IA	Retail/Manufacturing/Service/Technology	Comprehensive Entrepreneurship Training	RBC/SBDC
NE Iowa Entrepreneurs	Bremer	IA	Retail/Manufacturing/Service/Technology	Comprehensive Entrepreneurship Training	RBC/SBDC
NE Iowa Rural Roundtable- fall & spring	Bremer	IA	Economic Development	Entrepreneurship Development	RBC/SBDC
North Central Iowa Bankers	Bremer	IA	Banking	Financial Packaging	RBC/SBDC
GMT - Waverly	Bremer	IA	Manufacturing	Market Research	SMS
100 school children	Bremer/Butler	IA	Natural Resource Management	Technical Presentation	TPC
Wartburg Env. Biology Class	Bremer (30)	IA	Education	Lecture and Tour	IRVM
Bagge Strawberries - Independence	Buchanan	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Brewer, Jennifer & Lonnie - Hazleton	Buchanan	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Clampitt Beef - Independence	Buchanan	IA	Meat Producers	Buy Fresh/Buy Local Campaign	CEEE
Derflinger Asparagus - Stanley	Buchanan	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Fairbank Locker - Fairbank	Buchanan	IA	Meat Lockers	Buy Fresh/Buy Local Campaign	CEEE
Marks Locker - Rowley	Buchanan	IA	Meat Lockers	Buy Fresh/Buy Local Campaign	CEEE
Patrician Floral Greenhouses - Independence	Buchanan	IA	Garden Centers	Buy Fresh/Buy Local Campaign	CEEE
Priebe, Stan - Brandon	Buchanan	IA	Fruits & Vegetables, Meat Producers	Buy Fresh/Buy Local Campaign	CEEE
St. John Elementary - Independence	Buchanan	IA	Elementary School	Technical Education/Energy	CEEE



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				Efficiency	
Buchanan County Economic Development - Independence	Buchanan	IA	Economic Development	Economic Development Assistance	IDM
INRCOG	Buchanan	IA	Economic Development	Economic Development Assistance	IDM
Opportunity Works - Multi-community	Buchanan	IA	Economic Development	Economic Development Assistance	IDM
County Roadside Managers Winter Mtg.	Buchanan	IA	Roadside Vegetation Management	1-Day Training	IRVM
Prescribed Fire Mgmt Workshop 1	Buchanan	IA	Natural Resource Management	5-Day Training	IRVM
Prescribed Fire Mgmt Workshop 2	Buchanan	IA	Natural Resource Management	5-Day Training	IRVM
Independence	Buchanan	IA	Wholesale Trade (50-51)	On-Site Assistance	IWRC
Independence	Buchanan	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Jesup	Buchanan	IA	Retail Trade (52-59)	Air Assistance	IWRC
Jesup	Buchanan	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Dan Roth Farms	Buchanan	IA	Farming	Testing/Research	NABL
John Engles	Buchanan	IA	Farming	Testing/Research	NABL
Eastern Iowa Entrepreneurs	Buchanan	IA	Retail/Manufacturing/Service/Technology	Comprehensive Entrepreneurship Training	RBC/SBDC
Keystone Area Education Agency 1	Buchanan	IA	Education	Entrepreneurship Educational Tools	RBC/SBDC
NE Iowa Rural Roundtable- fall & spring	Buchanan	IA	Economic Development	Entrepreneurship Development	RBC/SBDC
BH NRCS Private Lands	Buchanan	IA	Natural Resouce Management	Technical Workshop	TPC
Buchanan CCB (31)	Buchanan	IA	Natural Resouce Management	Technical Workshop	TPC
Albert City/Truesdale - Albert City	Buena Vista	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Sioux Central - Sioux Rapids	Buena Vista	IA	High School	Electric Car Construction	CEEE
Buena Vista Regional Hospital	Buena Vista	IA	Health Care	Cultural Competency Training	ICILI
Storm Lake	Buena Vista	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Aplington	Butler	IA	Farmers Market	Buy Fresh/Buy Local Campaign	CEEE
Clarksville	Butler	IA	Farmers Market	Buy Fresh/Buy Local Campaign	CEEE
Daley's Shamrock Acres - New Hartford	Butler	IA	Egg & Poultry Producers, Meat Producers	Buy Fresh/Buy Local Campaign	CEEE
Dean's Grocery & Natural Foods - Aplington	Butler	IA	Grocers	Buy Fresh/Buy Local Campaign	CEEE



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Green Elementary School - Greene	Butler	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Janssen, Robert - Allison	Butler	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Martzahn, Harlan -Greene	Butler	IA	Egg & Poultry Producers	Buy Fresh/Buy Local Campaign	CEEE
Martzahn's Poultry Processing - Greene	Butler	IA	Meat Lockers	Buy Fresh/Buy Local Campaign	CEEE
Orly's Meat Market & Locker - Clarksville	Butler	IA	Meat Lockers	Buy Fresh/Buy Local Campaign	CEEE
Pleasant Valley Farm - Aplington	Butler	IA	Fruits & Vegetables, Egg & Poultry Prod	Buy Fresh/Buy Local Campaign	CEEE
Shell Rock Honey & Flowers - Shell Rock	Butler	IA	Garden Centers, Honey Farms	Buy Fresh/Buy Local Campaign	CEEE
Sterken, Paula - New Hartford	Butler	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Under the Spell Herb Shop - Greene	Butler	IA	Garden Centers	Buy Fresh/Buy Local Campaign	CEEE
Urban, Brenda - Clarksville	Butler	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Wedeking Buffalo Farm - Clarksville	Butler	IA	Meat Producers	Buy Fresh/Buy Local Campaign	CEEE
Wiese, Wayne - New Hartford	Butler	IA	Meat Producers	Buy Fresh/Buy Local Campaign	CEEE
INRCOG	Butler	IA	Economic Development	Economic Development Assistance	IDM
Opportunity Works - Multi-community	Butler	IA	Economic Development	Economic Development Assistance	IDM
Allison	Butler	IA	Construction (15-17)	Air Assistance	IWRC
Shell Rock	Butler	IA	Services (70-89)	On-Site Assistance	IWRC
Iowa Northern Railroad	Butler	IA	Railroad	Testing/Research	NABL
Butler Country Resource and Develop.	Butler	IA	Economic Development	Entrepreneurship Development	RBC/SBDC
NE Iowa Rural Roundtable	Butler	IA	Economic Development	Entrepreneurship Development	RBC/SBDC
North Central Iowa Bankers	Butler	IA	Banking	Financial Packaging	RBC/SBDC
100 school children	Butler/Bremer	IA	Natural Resource Management	Technical Presentation	TPC
Manson NW Webster - Manson	Calhoun	IA	High School	Electric Car Construction	CEEE
Pomeroy Palmer - Pomeroy	Calhoun	IA	High School	Electric Car Construction	CEEE
Manson	Calhoun	IA	Wholesale Trade (50-51)	Air Assistance	IWRC
Kuemper Catholic Elementary - Carroll	Carroll	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Kuemper Catholic High - Carroll	Carroll	IA	High School	Environmental Issues Instruction	CEEE
Carroll Area Development Corporation	Carroll	IA	Economic Development	Economic Development Assistance	IDM
Western Iowa Advantage	Carroll	IA	Economic Development	Economic Development	IDM



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				Assistance	
Carroll County Economic Development	Carroll	IA	Economic Development	Entrepreneurship Development, MyEntreNeet	RBC/SBDC
Southwest Iowa Marketing Coalition	Cass	IA	Economic Development	Economic Development Assistance	IDM
Plastic Professionals	Cass	IA	Consulting		MCC
Prosperity Eastern Iowa	Cedar	IA	Economic Development	Economic Development Assistance	IDM
Tipton Economic Development	Cedar	IA	Economic Development	Economic Development Assistance	IDM
Durant	Cedar	IA	Manufacturing (20-39)	Air Assistance	IWRC
Clear Creek Elementary - Clear Lake	Cerro Gordo	IA	Elementary School	Environmental Issues Instruction	CEEE
Newman Catholic - Mason City	Cerro Gordo	IA	High School	Environmental Issues Instruction	CEEE
NIACC - Mason City	Cerro Gordo	IA	Community College	Electric Car Construction	CEEE
NIACC - Mason City	Cerro Gordo	IA	Community College	Environmental Issues Instruction	CEEE
Randy Huling Racing - Clear Lake	Cerro Gordo	IA	High School	Electric Car Construction	CEEE
Clear Lake Economic Development	Cerro Gordo	IA	Economic Development	Economic Development Assistance	IDM
Mason City Economic Development Corporation	Cerro Gordo	IA	Economic Development	Economic Development Assistance	IDM
North Central Iowa Growth Partnership	Cerro Gordo	IA	Economic Development	Economic Development Assistance	IDM
County Roadside Managers Winter Mtg.	Cerro Gordo	IA	Roadside Vegetation Management	1-Day Training	IRVM
Clear Lake	Cerro Gordo	IA	Manufacturing (20-39)	Air Assistance	IWRC
Clear Lake	Cerro Gordo	IA	Public Administration (91-97)	Air Assistance	IWRC
Mason City	Cerro Gordo	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Mason City	Cerro Gordo	IA	Construction (15-17)	Air Assistance	IWRC
NIACC	Cerro Gordo	IA	Economic Development	MyEntreNet-Entrepreneurship Development	RBC/SBDC
North Central Iowa Bankers	Cerro Gordo	IA	Banking	Financial Packaging	RBC/SBDC
Northern Iowa Entrepreneurs	Cerro Gordo	IA	Retail/Manufacturing/Service	Marketing	RBC/SBDC
Swaledale Bio Village- Swaledale	Cerro Gordo	IA	Tourism	Market Research	SMS
County Roadside Managers Winter Mtg.	Cherokee	IA	Roadside Vegetation Management	1-Day Training	IRVM
Cherokee	Cherokee	IA	Manufacturing (20-39)	Air Assistance	IWRC



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Cherokee	Cherokee	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Marcus	Cherokee	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Burns Angus Farm - Lawler	Chickasaw	IA	Meat Producers	Buy Fresh/Buy Local Campaign	CEEE
Green Elementary School - Nashua	Chickasaw	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Hawkeye Buffalo Ranch - Fredricksburg	Chickasaw	IA	Meat Producers	Buy Fresh/Buy Local Campaign	CEEE
Northeast Iowa Business Network	Chickasaw	IA	Economic Development	Economic Development Assistance	IDM
County Roadside Managers Winter Mtg.	Chickasaw	IA	Roadside Vegetation Management	1-Day Training	IRVM
Prescribed Fire Mgmt Workshop 1	Chickasaw	IA	Natural Resource Management	5-Day Training	IRVM
New Hampton	Chickasaw	IA	Wholesale Trade (50-51)	Air Assistance	IWRC
Progress Foundry	Chickasaw	IA	Consulting		MCC
NE Iowa Rural Roundtable- fall & Spring	Chickasaw	IA	Economic Development	Entrepreneurship Development	RBC/SBDC
New Hampton High School	Chickasaw	IA	Education	Youth Entrepreneurship Training	RBC/SBDC
North Central Iowa Bankers	Chickasaw	IA	Banking	Financial Packaging	RBC/SBDC
Prescribed Fire Mgmt Workshop 2	Chickasaw (2)	IA	Natural Resource Management	5-Day Training	IRVM
Clarke County Economic Development - Osceola	Clarke	IA	Economic Development	Economic Development Assistance	IDM
Offshore Iowa Communities-Osceola	Clarke	IA	Economic Development	Economic Development Assistance	IDM
Osceola	Clarke	IA	Manufacturing (20-39)	Air Assistance	IWRC
IA Great Lakes Lutheran School - Spencer	Clay	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
County Roadside GPS/GIS Workshop	Clay	IA	Roadside Vegetation Management	2-Day Training	IRVM
County Roadside Managers Winter Mtg.	Clay	IA	Roadside Vegetation Management	1-Day Training	IRVM
Dickens	Clay	IA	Manufacturing (20-39)	Air Assistance, On-site Assistance	IWRC
Spencer	Clay	IA	Manufacturing (20-39)	On-Site Assistance, Air Assistance	IWRC
Spencer	Clay	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
MFL MarMac - Monona	Clayton	IA	High School	Electric Car Construction	CEEE
Natural Beef Home Farm Organics - Farmersburg	Clayton	IA	Meat Producers	Buy Fresh/Buy Local Campaign	CEEE



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Northeast Iowa Business Network	Clayton	IA	Economic Development	Economic Development Assistance	IDM
Garber	Clayton	IA	Wholesale Trade (50-51)	On-Site Assistance	IWRC
Keystone Area Education Agency 1	Clayton	IA	Education	Entrepreneurship Educational Tools	RBC/SBDC
NE Iowa Entrepreneurs	Clayton	IA	Retail/Manufacturing/Service/Technology	Business Succession Planning	RBC/SBDC
NE Iowa Entrepreneurs	Clayton	IA	Retail/Manufacturing/Service/Technology	Comprehensive Entrepreneurship Training	RBC/SBDC
NE Iowa Rural Roundtable- fall & Spring	Clayton	IA	Economic Development	Entrepreneurship Development	RBC/SBDC
Northern Iowa Entrepreneurs	Clayton	IA	Retail/Manufacturing/Service/Technology	Hosted Entrepreneurship Roundtable	RBC/SBDC
Starmont School District	Clayton	IA	Education	Youth Entrepreneurship Training	RBC/SBDC
Delwood Elementary - Delmar	Clinton	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Clinton Area Development Corporation	Clinton	IA	Economic Development	Economic Development Assistance	IDM
DeWitt Development Company	Clinton	IA	Economic Development	Economic Development Assistance	IDM
Prosperity Eastern Iowa	Clinton	IA	Economic Development	Economic Development Assistance	IDM
County Roadside GPS/GIS Workshop	Clinton	IA	Roadside Vegetation Management	2-Day Training	IRVM
County Roadside Managers Winter Mtg.	Clinton	IA	Roadside Vegetation Management	1-Day Training	IRVM
Prescribed Fire Mgmt Workshop 1	Clinton	IA	Natural Resource Management	5-Day Training	IRVM
Camanche	Clinton	IA	Services (70-89)	Air Assistance	IWRC
Clinton	Clinton	IA	Services (70-89)	On-Site Assistance, Air Assistance	IWRC
De Witt	Clinton	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Schleswig Elementary - Schleswig	Crawford	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Western Iowa Advantage	Crawford	IA	Economic Development	Economic Development Assistance	IDM
Waukee High School - Waukee	Dallas	IA	High School	Electric Car Construction	CEEE
Waukee, City of	Dallas	IA	City Government	Economic Development Assistance	IDM
County Roadside Managers Winter Mtg.	Dallas	IA	Roadside Vegetation Management	1-Day Training	IRVM



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Prescribed Fire Mgmt Workshop 2	Dallas	IA	Natural Resource Management	5-Day Training	IRVM
Adel	Dallas	IA	Manufacturing (20-39)	Air Assistance	IWRC
Granger	Dallas	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Perry	Dallas	IA	Manufacturing (20-39)	Air Assistance	IWRC
Redfield	Dallas	IA	Manufacturing (20-39)	Air Assistance	IWRC
Waukee	Dallas	IA	Manufacturing (20-39)	Air Assistance	IWRC
Heartland Economic Development Institute	Dallas	IA	Economic Development	Entrepreneurship Development	RBC/SBDC
30 county residents	Dallas	IA	Natural Resouce Management	Public Presentation	TPC
Dallas Co IRVM	Dallas	IA	Natural Resouce Management	Technical Workshop	TPC
County Roadside GPS/GIS Workshop	Dallas (2)	IA	Roadside Vegetation Management	2-Day Training	IRVM
River Hills Initiative	Davis	IA	Economic Development	Economic Development Assistance	IDM
Bloomfield	Davis	IA	Wholesale Trade (50-51)	On-Site Assistance	IWRC
Bloomfield	Davis	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Bloomfield	Davis	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Decatur	Decatur	IA	Wholesale Trade (50-51)	On-Site Assistance	IWRC
Leon	Decatur	IA	Wholesale Trade (50-51)	On-Site Assistance	IWRC
Decatur County Economic Development	Decatur	IA	Economic Development	MyEntreNet-Entrepreneurship Development	RBC/SBDC
Decatur County Economic Development	Decatur	IA	Economic Development	Economic Development Assistance	IDM
Earlville Elementary - Earlville	Delaware	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Maquoketa Valley - Delhi	Delaware	IA	High School	Electric Car Construction	CEEE
Henderson Manufacturing - Manchester	Delaware	IA	Manufacturing	Training	EDC
Delaware County Economic Development	Delaware	IA	Economic Development	Economic Development Assistance	IDM
Prosperity Eastern Iowa	Delaware	IA	Economic Development	Economic Development Assistance	IDM
Delaware County Economic Development	Delaware	IA	Economic Development	MyEntreNet-Entrepreneurship Development	RBC/SBDC
Keystone Area Education Agency 1	Delaware	IA	Education	Entrepreneurship Educational Tools	RBC/SBDC
NE Iowa Entrepreneurs	Delaware	IA	Retail/Manufacturing/Service/Technology	Business Succession Planning	RBC/SBDC



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NE Iowa Rural Roundtable- fall & Spring	Delaware	IA	Economic Development	Entrepreneurship Development	RBC/SBDC
Burlington Chamber of Commerce	Des Moines	IA	Chamber of Commerce	Economic Development Assistance	IDM
County Roadside GPS/GIS Workshop	Des Moines	IA	Roadside Vegetation Management	2-Day Training	IRVM
County Roadside Managers Winter Mtg.	Des Moines	IA	Roadside Vegetation Management	1-Day Training	IRVM
Prescribed Fire Mgmt Workshop 1	Des Moines	IA	Natural Resource Management	5-Day Training	IRVM
Burlington	Des Moines	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Burlington	Des Moines	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Burlington	Des Moines	IA	Wholesale Trade (50-51)	On-Site Assistance	IWRC
Burlington	Des Moines	IA	Services (70-89)	On-Site Assistance	IWRC
Burlington	Des Moines	IA	Manufacturing (20-39)	Air Assistance	IWRC
Okoboji Elementary - Milford	Dickinson	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Milford	Dickinson	IA	Manufacturing (20-39)	Air Assistance	IWRC
Spirit Lake	Dickinson	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Spirit Lake	Dickinson	IA	Manufacturing (20-39)	Air Assistance	IWRC
Spirit Lake	Dickinson	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Dickinson CCB	Dickinson	IA	Natural Resouce Management	Technical Workshop	TPC
Delaware County Meats - Dyersville	Dubuque	IA	Meat Producers	Buy Fresh/Buy Local Campaign	CEEE
Dubuque Hempstead High - Asbury	Dubuque	IA	High School	Environmental Issues Instruction	CEEE
Eleanor Roosevelt Middle School - Dubuque	Dubuque	IA	Middle School	Environmental Issues Instruction	CEEE
Hoover School - Dubuque	Dubuque	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Flexsteel Industries - Dubuque	Dubuque	IA	Manufacturing	Training	EDC
Prosperity Eastern Iowa	Dubuque	IA	Economic Development	Economic Development Assistance	IDM
Bernard	Dubuque	IA	Agriculture, Forestry, and Fishing (01-09)	On-Site Assistance	IWRC
Dubuque	Dubuque	IA	Manufacturing (20-39)	Air Assistance	IWRC
Dubuque	Dubuque	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Dubuque	Dubuque	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Dubuque	Dubuque	IA	Wholesale Trade (50-51)	On-Site Assistance	IWRC
Dyersville	Dubuque	IA	Manufacturing (20-39)	Air Assistance	IWRC



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Armstrong	Emmet	IA	Manufacturing (20-39)	Air Assistance	IWRC
Estherville	Emmet	IA	Manufacturing (20-39)	Air Assistance	IWRC
Estherville	Emmet	IA	Retail Trade (52-59)	Air Assistance	IWRC
Estherville	Emmet	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Corner Market & Greenhouse - Oelwein	Fayette	IA	Garden Centers	Buy Fresh/Buy Local Campaign	CEEE
Edgewood Locker - Arlington	Fayette	IA	Meat Lockers	Buy Fresh/Buy Local Campaign	CEEE
Nelson's Garden - West Union	Fayette	IA	Fruits & Vegetables, Egg & Poultry Prod	Buy Fresh/Buy Local Campaign	CEEE
Oelwein	Fayette	IA	Farmers Market	Buy Fresh/Buy Local Campaign	CEEE
Oelwein Greenhouse - Oelwein	Fayette	IA	Fruits & Vegetables, Garden Centers	Buy Fresh/Buy Local Campaign	CEEE
Oran Locker - Oran	Fayette	IA	Meat Lockers	Buy Fresh/Buy Local Campaign	CEEE
Rawson Berries - West Union	Fayette	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Schuchmann Farms - Arlington	Fayette	IA	Meat Producers	Buy Fresh/Buy Local Campaign	CEEE
Spain Family Meats - Clermont	Fayette	IA	Meat Producers	Buy Fresh/Buy Local Campaign	CEEE
Valley Community Elementary - Elgin	Fayette	IA	Elementary School	Environmental Issues Instruction	CEEE
Wadena Locker, Inc - Wadena	Fayette	IA	Meat Lockers	Buy Fresh/Buy Local Campaign	CEEE
Wings Park Elementary - Oelwein	Fayette	IA	Elementary School	Environmental Issues Instruction	CEEE
Fayette County Economic Development	Fayette	IA	Economic Development	Economic Impact	IDM
Northeast Iowa Business Network	Fayette	IA	Economic Development	Economic Development Assistance	IDM
Oelwein Chamber & Area Development	Fayette	IA	Economic Development	Economic Development Assistance	IDM
Offshore Iowa Communities-Oelwein	Fayette	IA	Economic Development	Economic Development Assistance	IDM
County Roadside Managers Winter Mtg.	Fayette	IA	Roadside Vegetation Management	1-Day Training	IRVM
Prescribed Fire Mgmt Workshop 1	Fayette	IA	Natural Resource Management	5-Day Training	IRVM
Oelwein	Fayette	IA	Wholesale Trade (50-51)	Air Assistance	IWRC
Oelwein	Fayette	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
West Union	Fayette	IA	Services (70-89)	On-Site Assistance	IWRC
West Union	Fayette	IA	Retail Trade (52-59)	Air Assistance	IWRC
Heartland Economic Development Institute	Fayette	IA	Economic Development	Entrepreneurship Development	RBC/SBDC
Keystone Area Education Agency 1	Fayette	IA	Education	Entrepreneurship Educational Tools	RBC/SBDC



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NE Iowa Entrepreneurs	Fayette	IA	Retail/Manufacturing/Service/Technology	Business Succession Planning	RBC/SBDC
NE Iowa Entrepreneurs	Fayette	IA	Retail/Manufacturing/Service/Technology	Comprehensive Entrepreneurship Training	RBC/SBDC
NE Iowa Rural Roundtable- fall & spring	Fayette	IA	Economic Development	Entrepreneurship Development	RBC/SBDC
Northern Iowa Entrepreneurs	Fayette	IA	Retail/Manufacturing/Service/Technology	Hosted Entrepreneurship Roundtable	RBC/SBDC
Nora Springs Elementary - Nora Springs	Floyd	IA	Elementary School	Environmental Issues Instruction	CEEE
North Central Iowa Growth Partnership	Floyd	IA	Economic Development	Economic Development Assistance	IDM
Prescribed Fire Mgmt Workshop 2	Floyd	IA	Natural Resource Management	5-Day Training	IRVM
Charles City	Floyd	IA	Manufacturing (20-39)	Air Assistance	IWRC
North Central Iowa Bankers	Floyd	IA	Banking	Financial Packaging	RBC/SBDC
Cambrex Charles City - Charles City	Franklin	IA	Manufacturing	Training	EDC
Franklin County Economic Development - Hampton	Franklin	IA	Economic Development	Economic Impact	IDM
North Central Iowa Growth Partnership	Franklin	IA	Economic Development	Economic Development Assistance	IDM
Prescribed Fire Mgmt Workshop 2	Franklin	IA	Natural Resource Management	5-Day Training	IRVM
Hampton	Franklin	IA	Manufacturing (20-39)	Air Assistance	IWRC
Hampton	Franklin	IA	Wholesale Trade (50-51)	Air Assistance	IWRC
Hampton	Franklin	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Hampton	Franklin	IA	Services (70-89)	Air Assistance	IWRC
private	Franklin	IA	Natural Resouce Management	Technical Workshop	TPC
private	Franklin	IA	Natural Resouce Management	Technical Workshop	TPC
Southwest Iowa Marketing Coalition	Fremont	IA	Economic Development	Economic Development Assistance	IDM
East Greene School - Grand Junction	Greene	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Western Iowa Advantage	Greene	IA	Economic Development	Economic Development Assistance	IDM
Jefferson	Greene	IA	Manufacturing (20-39)	Air Assistance	IWRC
Jefferson	Greene	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Genesis Development - Jefferson	Greene	IA	Service	Market Research	SMS
AGWSR Middle School - Wellsburg	Grundy	IA	Elementary School	Technical Education/Energy Efficiency	CEEE



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B & J Vegetables - Grundy Center	Grundy	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Grundy Center School - Grundy Center	Grundy	IA	Middle School	Model Solar Cars	CEEE
Grunklee's Greenhouse - Reinbeck	Grundy	IA	Fruits & Vegetables, Garden Centers	Buy Fresh/Buy Local Campaign	CEEE
Laughlin's Honey House - Grundy Center	Grundy	IA	Honey Farms	Buy Fresh/Buy Local Campaign	CEEE
Lean Pork Lane - Eldora	Grundy	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Reinbeck	Grundy	IA	Farmers Market	Buy Fresh/Buy Local Campaign	CEEE
Tapper, Vernon & Sue - Stout	Grundy	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Triplet Country Meats - Wellsburg	Grundy	IA	Meat Lockers	Buy Fresh/Buy Local Campaign	CEEE
Van Deest Specialty Meats - Grundy Center	Grundy	IA	Meat Lockers	Buy Fresh/Buy Local Campaign	CEEE
Lincoln Savings Bank - Reinbeck	Grundy	IA	Financial	Training	EDC
Grundy County Development Alliance	Grundy	IA	Economic Development	Economic Development Assistance	IDM
INRCOG	Grundy	IA	Economic Development	Economic Development Assistance	IDM
Opportunity Works - Multi-community	Grundy	IA	Economic Development	Economic Development Assistance	IDM
Conrad	Grundy	IA	Manufacturing (20-39)	Air Assistance	IWRC
Conrad	Grundy	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Dike	Grundy	IA	Retail Trade (52-59)	Air Assistance	IWRC
Reinbeck	Grundy	IA	Manufacturing (20-39)	Air Assistance	IWRC
Western Iowa Advantage	Guthrie	IA	Economic Development	Economic Development Assistance	IDM
Webster City	Hamilton	IA	Manufacturing (20-39)	Air Assistance	IWRC
Webster City	Hamilton	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
North Central Iowa Growth Partnership	Hancock	IA	Economic Development	Economic Development Assistance	IDM
Britt	Hancock	IA	Services (70-89)	Air Assistance	IWRC
Britt	Hancock	IA	Manufacturing (20-39)	Air Assistance	IWRC
Klemme	Hancock	IA	Manufacturing (20-39)	Air Assistance	IWRC
Hancock	Hancock	IA	Economic Development	MyEntreNet-Entrepreneurship Development	RBC/SBDC
Heartland Economic Development Institute	Hancock	IA	Economic Development	Entrepreneurship Development	RBC/SBDC
IMT- Garner	Hancock	IA	Manufacturing	Market Research	SMS



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Hubbard-Radcliffe School - Radcliffe	Hardin	IA	High School	Electric Car Construction	CEEE
Lean Pork Lane - Eldora	Hardin	IA	Egg & Poultry Producers, Meat Prod	Buy Fresh/Buy Local Campaign	CEEE
Riverbend Middle School - Iowa Falls	Hardin	IA	Middle School	Environmental Issues Instruction	CEEE
Hardin County Savings Bank - Eldora	Hardin	IA	Financial	Training	EDC
Iowa Falls City	Hardin	IA	City Government	Economic Development Assistance	IDM
Iowa Falls Development Corporation	Hardin	IA	Economic Development	Economic Development Assistance	IDM
County Roadside Managers Winter Mtg.	Hardin	IA	Roadside Vegetation Management	1-Day Training	IRVM
Prescribed Fire Mgmt Workshop 1	Hardin	IA	Natural Resource Management	5-Day Training	IRVM
Prescribed Fire Mgmt Workshop 2	Hardin	IA	Natural Resource Management	4-Day Training	IRVM
Alden	Hardin	IA	Mining (10-14)	Air Assistance	IWRC
Iowa Falls	Hardin	IA	Services (70-89)	Air Assistance	IWRC
Iowa Falls	Hardin	IA	Agriculture, Forestry, and Fishing (01-09)	Air Assistance	IWRC
Dunlap	Harrison	IA	Manufacturing (20-39)	Air Assistance	IWRC
Mt. Pleasant Christian School - Mt. Pleasant	Henry	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
WACO Secondary School - Wayland	Henry	IA	Middle School	Solar Model Car Construction	CEEE
Mt. Pleasant Area Economic Development	Henry	IA	Economic Development	Economic Development Assistance	IDM
Offshore Iowa Communities-Mount Pleasant	Henry	IA	Economic Development	Economic Development Assistance	IDM
County Roadside Managers Winter Mtg.	Henry	IA	Roadside Vegetation Management	1-Day Training	IRVM
Mount Pleasant	Henry	IA	Wholesale Trade (50-51)	On-Site Assistance	IWRC
Mount Pleasant	Henry	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
New London	Henry	IA	Manufacturing (20-39)	Air Assistance	IWRC
Golden Ridge Cheese COOP - Cresco	Howard	IA	Dairy Producers	Buy Fresh/Buy Local Campaign	CEEE
Need-More Land & Cattle Co. - Chester	Howard	IA	Meat Producers	Buy Fresh/Buy Local Campaign	CEEE
North River Produce, Ltd. - Cresco	Howard	IA	Meat Producers	Buy Fresh/Buy Local Campaign	CEEE
Northeast Iowa Business Network	Howard	IA	Economic Development	Economic Development Assistance	IDM
NE Iowa Entrepreneurs	Howard	IA	Retail/Manufacturing/Service/Technology	Business Succession Planning	RBC/SBDC



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NE Iowa Rural Roundtable- fall & Spring	Howard	IA	Economic Development	Entrepreneurship Development	RBC/SBDC
Dakota City	Humboldt	IA	Manufacturing (20-39)	Air Assistance	IWRC
Gilmore City	Humboldt	IA	Mining (10-14)	Air Assistance	IWRC
Humboldt	Humboldt	IA	Manufacturing (20-39)	Air Assistance	IWRC
Humboldt	Humboldt	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
City of Humboldt - Humboldt	Humboldt	IA	City Government	Tourism Training	STEP
Western Iowa Advantage	Ida	IA	Economic Development	Economic Development Assistance	IDM
Galva	Ida	IA	Manufacturing (20-39)	Air Assistance	IWRC
Midwest Industries	Ida	IA	Manufacturing	Materials Testing	MIS
Heartland Economic Development Institute	Ida	IA	Economic Development	Entrepreneurship Development	RBC/SBDC
Clear Creek Amana School - Amana	Iowa	IA	Middle School	Solar Model Car Construction	CEEE
County Roadside Managers Winter Mtg.	Iowa	IA	Roadside Vegetation Management	1-Day Training	IRVM
Prescribed Fire Mgmt Workshop 2	Iowa	IA	Natural Resource Management	4-Day Training	IRVM
Marengo	Iowa	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
North English	Iowa	IA	Wholesale Trade (50-51)	On-Site Assistance	IWRC
North English	Iowa	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Victor	Iowa	IA	Construction (15-17)	Air Assistance	IWRC
Williamsburg	Iowa	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Gateway Natural Meats - Bellevue	Jackson	IA	Egg & Poultry Producers	Buy Fresh/Buy Local Campaign	CEEE
Gateway Natural Meats - Bellevue	Jackson	IA	Meat Producers	Buy Fresh/Buy Local Campaign	CEEE
St. Joseph Catholic - Bellevue	Jackson	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Prosperity Eastern Iowa	Jackson	IA	Economic Development	Economic Development Assistance	IDM
Maquoketa	Jackson	IA	Manufacturing (20-39)	Air Assistance	IWRC
Maquoketa	Jackson	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Maquoketa	Jackson	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
private	Jackson	IA	Natural Resouce Management	Technical Workshop	TPC
private	Jackson	IA	Natural Resouce Management	Technical Workshop	TPC
Iowa Connections	Jasper	IA	Economic Development	Economic Development Assistance	IDM
Jasper County Economic Development	Jasper	IA	Economic Development	Economic Development	IDM



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				Assistance	
Colfax	Jasper	IA	Manufacturing (20-39)	Air Assistance	IWRC
Newton	Jasper	IA	Services (70-89)	Air Assistance	IWRC
Newton	Jasper	IA	Services (70-89)	On-Site Assistance	IWRC
Sully	Jasper	IA	Construction (15-17)	Air Assistance	IWRC
Newton	Jasper	IA	Museum	Growth & Relocation	JPEC
Jasper SWCD	Jasper	IA	Natural Resouce Management	Technical Workshop	TPC
Fairfield High School - Fairfield	Jefferson	IA	High School	Electric Car Construction	CEEE
Fairfield Economic Development Association	Jefferson	IA	Economic Development	Economic Development Assistance	IDM
River Hills Initiative	Jefferson	IA	Economic Development	Economic Development Assistance	IDM
Fairfield	Jefferson	IA	Wholesale Trade (50-51)	Air Assistance	IWRC
Iowa City High - Iowa City	Johnson	IA	High School	Environmental Issues Instruction	CEEE
Iowa City West - Iowa City	Johnson	IA	High School	Electric Car Construction	CEEE
ACT - Iowa City	Johnson	IA	Service	Training	EDC
Integrated DNA Technologies - Iowa City	Johnson	IA	Manufacturing	Training	EDC
Iowa City Area Development Group	Johnson	IA	Economic Development	Economic Development Assistance	IDM
County Roadside GPS/GIS Workshop	Johnson	IA	Roadside Vegetation Management	2-Day Training	IRVM
County Roadside Managers Winter Mtg.	Johnson	IA	Roadside Vegetation Management	1-Day Training	IRVM
Prescribed Fire Mgmt Workshop 1	Johnson	IA	Natural Resource Management	5-Day Training	IRVM
Iowa City	Johnson	IA	Services (70-89)	Air Assistance	IWRC
Iowa City	Johnson	IA	Services (70-89)	On-Site Assistance	IWRC
City of Iowa City	Johnson	IA	Municipality	Entrepreneurship Development	RBC/SBDC
Iowa City Chamber of Commerce	Johnson	IA	Chamber of Commerce	Entrepreneurship Development	RBC/SBDC
Red Tail Restorations	Johnson	IA	Natural Resouce Management	Technical Workshop	TPC
Energy Manufacturing - Monticello	Jones	IA	Manufacturing	Training	EDC
Prosperity Eastern Iowa	Jones	IA	Economic Development	Economic Development Assistance	IDM
County Roadside GPS/GIS Workshop	Jones	IA	Roadside Vegetation Management	2-Day Training	IRVM
County Roadside Managers Winter Mtg.	Jones	IA	Roadside Vegetation Management	1-Day Training	IRVM
Prescribed Fire Mgmt Workshop 2	Jones	IA	Natural Resource Management	4-Day Training	IRVM



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Anamosa	Jones	IA	Manufacturing (20-39)	Air Assistance	IWRC
Monticello	Jones	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Monticello	Jones	IA	Finance, Insurance, & Real Estate (60-67)	On-Site Assistance	IWRC
Monticello	Jones	IA	Manufacturing (20-39)	Air Assistance	IWRC
20 county residents	Jones	IA	Natural Resource Management	Public Presentation	TPC
Anamosa NRCS	Jones	IA	Natural Resource Management	Technical Workshop	TPC
Pekin School - Packwood	Keokuk	IA	High School	Electric Car Construction	CEEE
Sigourney Elementary - Sigourney	Keokuk	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
River Hills Initiative	Keokuk	IA	Economic Development	Economic Development Assistance	IDM
Sigourney Area Development Corporation	Keokuk	IA	Economic Development	Economic Development Assistance	IDM
County Roadside Managers Winter Mtg.	Keokuk	IA	Roadside Vegetation Management	1-Day Training	IRVM
Prescribed Fire Mgmt Workshop 1	Keokuk	IA	Natural Resource Management	5-Day Training	IRVM
Harper	Keokuk	IA	Wholesale Trade (50-51)	On-Site Assistance	IWRC
Keokuk IRVM	Keokuk	IA	Natural Resource Management	Technical Workshop	TPC
Algona	Kossuth	IA	City Government	Economic Development Assistance	IDM
Kossuth County Economic Development	Kossuth	IA	Economic Development	Economic Development Assistance	IDM
Offshore Iowa Communities-Algona	Kossuth	IA	Economic Development	Economic Development Assistance	IDM
Algona	Kossuth	IA	Manufacturing (20-39)	Air Assistance	IWRC
Algona	Kossuth	IA	Mining (10-14)	Air Assistance	IWRC
Algona	Kossuth	IA	Construction (15-17)	Air Assistance	IWRC
Algona	Kossuth	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Algona	Kossuth	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Algona	Kossuth	IA	Services (70-89)	Air Assistance	IWRC
County Roadside Managers Winter Mtg.	Lee	IA	Roadside Vegetation Management	1-Day Training	IRVM
Fort Madison	Lee	IA	Manufacturing (20-39)	Air Assistance	IWRC
Fort Madison	Lee	IA	Wholesale Trade (50-51)	On-Site Assistance	IWRC
Keokuk	Lee	IA	Nonclassified Establishments (99-99)	Air Assistance	IWRC
Pilot Grove	Lee	IA	Wholesale Trade (50-51)	On-Site Assistance	IWRC



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West Point	Lee	IA	Wholesale Trade (50-51)	On-Site Assistance	IWRC
Harding Middle School - Cedar Rapids	Linn	IA	Middle School	Technical Education/Energy Efficiency	CEEE
Heritage Point Farm - Center Point	Linn	IA	Meat Producers	Buy Fresh/Buy Local Campaign	CEEE
Kennedy - Cedar Rapids	Linn	IA	High School	Electric Car Construction	CEEE
Prairie - Cedar Rapids	Linn	IA	High School	Electric Car Construction	CEEE
Rehberg, Dennis & Lea - Walker	Linn	IA	Meat Producers	Buy Fresh/Buy Local Campaign	CEEE
St. Ludmila School - Cedar Rapids	Linn	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Alliant Energy - Cedar Rapids	Linn	IA	Service	Training	EDC
Gazette Communications - Cedar Rapids	Linn	IA	Publishing	Training	EDC
GE Capital - Cedar Rapids	Linn	IA		Training	EDC
General Mills - Cedar Rapids	Linn	IA	Manufacturing	Training	EDC
Intermec Technologies - Cedar Rapids	Linn	IA	Manufacturing	Training	EDC
Linn Area Credit Union - Cedar Rapids	Linn	IA	Financial	Training	EDC
Midland Forge - Cedar Rapids	Linn	IA	Manufacturing	Training	EDC
Quaker Oats - Cedar Rapids	Linn	IA	Manufacturing	Training	EDC
St. Luke's Hospital - Cedar Rapids	Linn	IA	Health Care	Training	EDC
United Fire & Casualty Co - Cedar Rapids	Linn	IA	Service	Training	EDC
Worley Warehousing - Cedar Rapids	Linn	IA	Service	Training	EDC
Alliant Energy - Multi-community	Linn	IA	Utility	Economic Development Assistance	IDM
County Roadside Managers Winter Mtg.	Linn	IA	Roadside Vegetation Management	1-Day Training	IRVM
Cedar Rapids	Linn	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Cedar Rapids	Linn	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Cedar Rapids	Linn	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Cedar Rapids	Linn	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Cedar Rapids	Linn	IA	Manufacturing (20-39)	Air Assistance	IWRC
Hiawatha	Linn	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Hiawatha	Linn	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Cedar Rapids	Linn	IA	Lawn Products	Start-up	JPEC
Iowa Interstate Railroad - Cedar Rapids	Linn	IA	Railroad	Testing/Research	NABL
PMX Industries, Inc.	Linn	IA	Manufacturing	Testing/Research	NABL



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Cedar Rapids Area Visitor & Conv Bureau - Cedar Rapids	Linn	IA	Tourism	Tourism Training	STEP
Linn CCB	Linn	IA	Natural Resouce Management	Technical Workshop	TPC
Marion 2ndary Rds	Linn	IA	Natural Resouce Management	Technical Workshop	TPC
Prescribed Fire Mgmt Workshop 2	Linn (4)	IA	Natural Resource Management	4-Day Training	IRVM
Prescribed Fire Mgmt Workshop 1	Linn (8)	IA	Natural Resource Management	5-Day Training	IRVM
private	Linn?	IA	Natural Resouce Management	Technical Workshop	TPC
Wapello	Louisa	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Wapello	Louisa	IA	Manufacturing (20-39)	Air Assistance	IWRC
River Hills Initiative	Lucas	IA	Economic Development	Economic Development Assistance	IDM
Chariton	Lucas	IA	Services (70-89)	Air Assistance	IWRC
Chariton	Lucas	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
private	Lucas	IA	Natural Resouce Management	Technical Workshop	TPC
George	Lyon	IA	Manufacturing (20-39)	Air Assistance	IWRC
Rock Rapids	Lyon	IA	Manufacturing (20-39)	Air Assistance	IWRC
Winterset	Madison	IA	Manufacturing (20-39)	Air Assistance	IWRC
River Hills Initiative	Mahaska	IA	Economic Development	Economic Development Assistance	IDM
County Roadside GPS/GIS Workshop	Mahaska	IA	Roadside Vegetation Management	2-Day Training	IRVM
County Roadside Managers Winter Mtg.	Mahaska	IA	Roadside Vegetation Management	1-Day Training	IRVM
Prescribed Fire Mgmt Workshop 2	Mahaska	IA	Natural Resource Management	4-Day Training	IRVM
New Sharon	Mahaska	IA	Manufacturing (20-39)	Air Assistance	IWRC
Oskaloosa	Mahaska	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Oskaloosa	Mahaska	IA	Manufacturing (20-39)	Air Assistance	IWRC
Oskaloosa	Mahaska	IA	Wholesale Trade (50-51)	Air Assistance	IWRC
Oskaloosa	Mahaska	IA	Wholesale Trade (50-51)	On-Site Assistance	IWRC
Clow Valve Co. - Oskaloosa	Mahaska	IA	Manufacturing	Testing/Research	NABL
Mahaska IRVM	Mahaska	IA	Natural Resouce Management	Technical Workshop	TPC
Knoxville	Marion	IA	Wholesale Trade (50-51)	Air Assistance	IWRC
Pella	Marion	IA	Wholesale Trade (50-51)	Air Assistance	IWRC
Pella	Marion	IA	Retail Trade (52-59)	Air Assistance	IWRC
Pella	Marion	IA	Manufacturing (20-39)	Air Assistance	IWRC



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Marion County Economic Development	Marion	IA	Economic Development	MyEntreNet-Entrepreneurship Development	RBC/SBDC
West Marshall Middle School - State Center	Marshall	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Iowa Connections	Marshall	IA	Economic Development	Economic Development Assistance	IDM
Prescribed Fire Mgmt Workshop 1	Marshall	IA	Natural Resource Management	5-Day Training	IRVM
Albion	Marshall	IA	Manufacturing (20-39)	Air Assistance	IWRC
Marshalltown	Marshall	IA	Manufacturing (20-39)	Air Assistance	IWRC
Marshalltown	Marshall	IA	Wholesale Trade (50-51)	On-Site Assistance	IWRC
Technology Association of Iowa - Rhodes	Marshall	IA	Service	Market Research	SMS
Marshall CCB	Marshall	IA	Natural Resouce Management	Technical Workshop	TPC
Silver City	Mills	IA	Retail Trade (52-59)	Air Assistance	IWRC
Riceville School - Riceville	Mitchell	IA	High School	Electric Car Construction	CEEE
North Central Iowa Growth Partnership	Mitchell	IA	Economic Development	Economic Development Assistance	IDM
Osage	Mitchell	IA	Transportation and Public Utilities (40-49)	Air Assistance	IWRC
Osage	Mitchell	IA	Services (70-89)	On-Site Assistance	IWRC
Saint Ansgar	Mitchell	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
North Central Iowa Bankers	Mitchell	IA	Banking	Financial Packaging	RBC/SBDC
County Roadside Managers Winter Mtg.	Monona	IA	Roadside Vegetation Management	1-Day Training	IRVM
River Hills Initiative	Monroe	IA	Economic Development	Economic Development Assistance	IDM
Albia	Monroe	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Albia	Monroe	IA	Manufacturing (20-39)	Air Assistance	IWRC
Southwest Iowa Marketing Coalition	Montgomery	IA	Economic Development	Economic Development Assistance	IDM
Iowa Schools	Multi-county	IA	Education	Env. Education regarding recycling, water quality and health	RRTTC
UNI Foundation	Multi-county	IA	Service	Market Research	SMS
Iowa Citizens, Businesses and Industries	Multi-county	IA		Technical Assistance, & Env. Education	RRTTC



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Silos & Smokestacks National Heritage Area - 37 County Area	Multi-county	IA	Tourism	Tourism Training	STEP
Colorado School - Muscatine	Muscatine	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Franklin Elementary School - Muscatine	Muscatine	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Grant School - Muscatine	Muscatine	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Jefferson School - Muscatine	Muscatine	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Madison School - Muscatine	Muscatine	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
McKinley Elementary - Muscatine	Muscatine	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Mulberry School - Muscatine	Muscatine	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Muscatine High School - Muscatine	Muscatine	IA	High School	Electric Car Construction	CEEE
Muscatine Middle School - Muscatine	Muscatine	IA	Middle School	Solar Model Car Construction	CEEE
Washington Elementary - Muscatine	Muscatine	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Greater Muscatine Chamber of Commerce & Industry	Muscatine	IA	Chamber of Commerce	Economic Development Assistance	IDM
County Roadside GPS/GIS Workshop	Muscatine	IA	Roadside Vegetation Management	2-Day Training	IRVM
County Roadside Managers Winter Mtg.	Muscatine	IA	Roadside Vegetation Management	1-Day Training	IRVM
Muscatine	Muscatine	IA	Services (70-89)	On-Site Assistance	IWRC
Muscatine	Muscatine	IA	Construction (15-17)	On-Site Assistance	IWRC
West Liberty	Muscatine	IA	Manufacturing (20-39)	Air Assistance	IWRC
Wilton	Muscatine	IA	Manufacturing (20-39)	Air Assistance	IWRC
Bandag - Muscatine	Muscatine	IA	Manufacturing	Market Research	SMS
Heartland Economic Development Institute	O'Brien	IA	Economic Development	Entrepreneurship Development	RBC/SBDC
Garfield Elementary - Clarinda	Page	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Clarinda	Page	IA	Non-Profit	Start-up	JPEC
Southwest Iowa Marketing Coalition	Page	IA	Economic Development	Economic Development Assistance	IDM



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Area Prairie Enthusiasts	Page (15)	IA	Education	Presentation	IRVM
Palo Alto Conservation Board - Ruthven	Palo Alto	IA	Middle School	Solar Model Car Construction	CEEE
Prescribed Fire Mgmt Workshop 2	Palo Alto	IA	Natural Resource Management	4-Day Training	IRVM
Emmetsburg	Palo Alto	IA	Manufacturing (20-39)	Air Assistance	IWRC
Emmetsburg	Palo Alto	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Le Mars	Plymouth	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Le Mars	Plymouth	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Iowa Assoc. of Business & Industry-Des Moines	Polk	IA	Service	Training	EDC
Downtown Employers	Polk	IA	Private and Public Sector Employers	Measuring Diversity Training	ICILI
Iowa Center for Ag Safety	Polk	IA	Health Care	Cultural Competency Training	ICILI
Iowa Department of Economic Development	Polk	IA	Economic Development	Immigration & Workforce in Iowa	ICILI
Iowa Hospice Association	Polk	IA	Health Care	Cultural Competency Training	ICILI
Iowa Pharmacy Association	Polk	IA	Health Care	Cultural Competency Training	ICILI
Iowa State Gerontology Association	Polk	IA	Human Services	Cultural Competency Training	ICILI
Iowa State Gerontology Association	Polk	IA	Human Services	Measuring Diversity Training	ICILI
Aquila - Multi-community	Polk	IA	Utility	Economic Development Assistance	IDM
County Roadside Managers Winter Mtg.	Polk	IA	Roadside Vegetation Management	1-Day Training	IRVM
Ankeny	Polk	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Clive	Polk	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Des Moines	Polk	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Des Moines	Polk	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Des Moines	Polk	IA	Services (70-89)	On-Site Assistance	IWRC
Des Moines	Polk	IA	Services (70-89)	On-Site Assistance	IWRC
Des Moines	Polk	IA	Wholesale Trade (50-51)	On-Site Assistance	IWRC
Des Moines	Polk	IA	Services (70-89)	On-Site Assistance	IWRC
Des Moines	Polk	IA	Agriculture, Forestry, and Fishing (01-09)	Air Assistance	IWRC
Des Moines	Polk	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Des Moines	Polk	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Des Moines	Polk	IA	Manufacturing (20-39)	Air Assistance	IWRC



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Des Moines	Polk	IA	Retail Trade (52-59)	Air Assistance	IWRC
Urbandale	Polk	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Urbandale	Polk	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Urbandale	Polk	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
West Des Moines	Polk	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Des Moines	Polk	IA	Bar & Grill	Start-up	JPEC
Des Moines	Polk	IA	Retail	Start-up	JPEC
Barton Solvents	Polk	IA	Chemicals	Testing/Research	NABL
Iowa Dept. of Economic Development	Polk	IA	Service	Market Research	SMS
Prescribed Fire Mgmt Workshop 2	Polk (3)	IA	Natural Resource Management	4-Day Training	IRVM
Iowa Natural Heritage Foundation Interns	Polk (8)	IA	Education	Presentation	IRVM
Council Bluffs Chamber of Commerce	Pottawattamie	IA	Chamber of Commerce	Economic Development Assistance	IDM
Carter Lake	Pottawattamie	IA	Services (70-89)	On-Site Assistance	IWRC
Heartland Economic Development Institute	Pottawattamie	IA	Economic Development	Entrepreneurship Development	RBC/SBDC
B & B Farms - Grinnell	Poweshiek	IA	Egg & Poultry Producers	Buy Fresh/Buy Local Campaign	CEEE
Grinnel High School - Grinnell	Poweshiek	IA	High School	Electric Car Construction	CEEE
Iowa Connections	Poweshiek	IA	Economic Development	Economic Development Assistance	IDM
Brooklyn	Poweshiek	IA	Public Administration (91-97)	Air Assistance	IWRC
Grinnell	Poweshiek	IA	Manufacturing (20-39)	Air Assistance	IWRC
Grinnell	Poweshiek	IA	Services (70-89)	Air Assistance	IWRC
Grinnell	Poweshiek	IA	Wholesale Trade (50-51)	Air Assistance	IWRC
Grinnell	Poweshiek	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
POW I 80	Poweshiek	IA	Economic Development	MyEntreNet-Entrepreneurship Develop	RBC/SBDC
ASI Signs - Grinnell	Poweshiek	IA	Manufacturing	Market Research	SMS
private	Poweshiek	IA	Natural Resouce Management	Technical Workshop	TPC
private	Poweshiek	IA	Natural Resouce Management	Technical Workshop	TPC
Southwest Iowa Marketing Coalition	Ringgold	IA	Economic Development	Economic Development Assistance	IDM
Western Iowa Advantage	Sac	IA	Economic Development	Economic Development Assistance	IDM
County Roadside Managers Winter	Sac	IA	Roadside Vegetation Management	1-Day Training	IRVM



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Mtg.					
Heartland Economic Development Institute	Sac	IA	Economic Development	Entrepreneurship Development	RBC/SBDC
County Roadside GPS/GIS Workshop	Sac (2)	IA	Roadside Vegetation Management	2-Day Training	IRVM
Davenport Central - Davenport	Scott	IA	High School	Electric Car Construction	CEEE
JK Kennedy Catholic - Davenport	Scott	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
St. Paul the Apostle School - Davenport	Scott	IA	Middle School	Environmental Issues Instruction	CEEE
Wilson Elementary - Davenport	Scott	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
County Health Department	Scott	IA	Health Care	Cultural Competency Training	ICILI
MidAmerica Energy - Multi-community	Scott	IA	Utility	Economic Development Assistance	IDM
Quad City Development	Scott	IA	Construction - Payroll Spending	Economic Impact	IDM
Bettendorf	Scott	IA	Retail Trade (52-59)	Air Assistance	IWRC
Bettendorf	Scott	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Davenport	Scott	IA	Services (70-89)	Air Assistance	IWRC
Davenport	Scott	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Davenport	Scott	IA	Retail Trade (52-59)	Air Assistance	IWRC
Davenport	Scott	IA	Nonclassified Establishments (99-99)	Air Assistance	IWRC
Davenport	Scott	IA	Manufacturing (20-39)	Air Assistance	IWRC
Davenport	Scott	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Davenport	Scott	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Eldridge	Scott	IA	Manufacturing (20-39)	Air Assistance	IWRC
Eldridge	Scott	IA	Services (70-89)	Air Assistance	IWRC
Eldridge	Scott	IA	Transportation and Public Utilities (40-49)	Air Assistance	IWRC
Offshore Iowa Communities-Harlan	Shelby	IA	Economic Development	Economic Development Assistance	IDM
Shelby County DevelopSource	Shelby	IA	Economic Development	Economic Development Assistance	IDM
Southwest Iowa Marketing Coalition	Shelby	IA	Economic Development	Economic Development Assistance	IDM
County Roadside Managers Winter Mtg.	Shelby	IA	Roadside Vegetation Management	1-Day Training	IRVM
Prescribed Fire Mgmt Workshop 2	Shelby	IA	Natural Resource Management	4-Day Training	IRVM



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Harlan	Shelby	IA	Mining (10-14)	On-Site Assistance	IWRC
Harlan	Shelby	IA	Mining (10-14)	Air Assistance	IWRC
Harlan	Shelby	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Heartland Economic Development Institute	Shelby	IA	Economic Development	Entrepreneurship Development	RBC/SBDC
Alton	Sioux	IA	Services (70-89)	On-Site Assistance	IWRC
Alton	Sioux	IA	Services (70-89)	Air Assistance	IWRC
Granville	Sioux	IA	Services (70-89)	Air Assistance	IWRC
Granville	Sioux	IA	Services (70-89)	On-Site Assistance	IWRC
Hull	Sioux	IA	Wholesale Trade (50-51)	On-Site Assistance	IWRC
Orange City	Sioux	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Orange City	Sioux	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Orange City	Sioux	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Orange City	Sioux	IA	Manufacturing (20-39)	Air Assistance	IWRC
Orange City	Sioux	IA	Retail Trade (52-59)	Air Assistance	IWRC
Orange City	Sioux	IA	Retail Trade (52-59)	On-Site Assistance	IWRC
Sioux Center	Sioux	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Alton	Sioux	IA	Truck & Pet Wash	Start-up	JPEC
DNR Private Lands Biologist	Sioux	IA	Natural Resource Management	Technical Workshop	TPC
Sioux County Hospital	Sioux	IA	Health Care	Cultural Competency Training	ICILI
Iowa Department of Natural Resources	Statewide	IA	State Government	Education & Research activities in Geospatial technologies	GeoTREE
US Fish and Wildlife Service and NASA	Statewide	IA	US Government Agency	Education & Research activities in Geospatial technologies	GeoTREE
Iowa Area Development Group	Statewide	IA	Economic Development	Economic Development Assistance	IDM
Iowa Department of Economic Development	Statewide	IA	State Agency	Economic Development Assistance	IDM
Iowa Workforce Development	Statewide	IA	State Agency	Update Laborshed Analysis	IDM
Professional Developers of Iowa	Statewide	IA	Economic Development	Economic Development Assistance	IDM
County Engineer's Conference	Statewide	IA	Roadside Vegetation Management	Technical Presentation	IRVM
County Weed Commissioner's Conf.	Statewide	IA	Roadside Vegetation Management	Technical Presentation	IRVM
DOT Living Roadway Trust Fund	Statewide	IA	Roadside Vegetation Management	Grant writing instruction	IRVM



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				mailing	
IRVM Calendar/Poster	Statewide	IA	Roadside Vegetation Management	Education/Promotion Material	IRVM
Native Seed Distribution for Roadsides	Statewide	IA	Roadside Vegetation Management	Wrote grant, bought their seed	IRVM
Roaders' Digest Newsletter	Statewide	IA	Roadside Vegetation Management	Informational Networking	IRVM
Roadside Conference	Statewide	IA	Roadside Vegetation Management	2-Day Technical Training	IRVM
Entrepreneurial Hot Team	Statewide	IA	Economic Development	MyEntreNet-Entrepreneurship Development	RBC/SBDC
Professional Developers of Iowa	Statewide	IA	Economic Development	Rural Entrepreneurship Development	RBC/SBDC
Statewide Press Conference	Statewide	IA	Economic Development	MyEntreNet- statewide rollout presentation	RBC/SBDC
Pheasants Forever St. Meet	Statewide	IA	Natural Resource Management	Technical Presentation	TPC
Collins-Maxwell CSD - Maxwell	Story	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
County Roadside Managers Winter Mtg.	Story	IA	Roadside Vegetation Management	1-Day Training	IRVM
Prescribed Fire Mgmt Workshop 2	Story	IA	Natural Resource Management	4-Day Training	IRVM
Ames	Story	IA	Manufacturing (20-39)	Air Assistance	IWRC
Ames	Story	IA	Public Administration (91-97)	On-Site Assistance	IWRC
Ames	Story	IA	Retail Trade (52-59)	Air Assistance	IWRC
Ames	Story	IA	Construction (15-17)	Air Assistance	IWRC
Huxley	Story	IA	Wholesale Trade (50-51)	On-Site Assistance	IWRC
Huxley	Story	IA	Retail Trade (52-59)	Air Assistance	IWRC
Nevada	Story	IA	Manufacturing (20-39)	Air Assistance	IWRC
Iowa State University: Office of Biorenewable Programs	Story	IA	Research	Testing/Research	NABL
Vibroacoustics - Ames	Story	IA	Manufacturing	Testing/Research	NABL
AgFlex/American Farmland Trust - Ames	Story	IA	Ag Insurance/Warranty	Market Research	SMS
Iowa Energy Center - Ames	Story	IA	Service	Market Research	SMS
Record Printing - Story City	Story	IA	Publishing	Market Research	SMS
Grad Student, ISU (6)	Story	IA	Natural Resource Management	Technical Workshop	TPC
private	Story	IA	Natural Resource Management	Technical Workshop	TPC
Professor, ISU	Story	IA	Natural Resource Management	Technical Workshop	TPC



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Story CCB	Story	IA	Natural Resouce Management	Technical Workshop	TPC
Adolph's Produce and Bakery - Traer	Tama	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
C & T Farm - Toledo	Tama	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Dreesman Buffalo Ranch - Tama	Tama	IA	Meat Producers	Buy Fresh/Buy Local Campaign	CEEE
Dysart	Tama	IA	Farmers Market	Buy Fresh/Buy Local Campaign	CEEE
Heritage Farm - Clutier	Tama	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Hinegardner Orchard - Montour	Tama	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Lorenz Produce - Traer	Tama	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Monat Natural Beef - Traer	Tama	IA	Meat Producers	Buy Fresh/Buy Local Campaign	CEEE
Poduska Farm - Chelsea	Tama	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Porkland Farms, Inc. - Buckingham	Tama	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Richardson, Rod - Tama	Tama	IA	Fruits & Vegetables, Egg & Poultry Prod	Buy Fresh/Buy Local Campaign	CEEE
Sienknecht, Alan & Kristi - Clutier	Tama	IA	Fruits & Vegetables	Buy Fresh/Buy Local Campaign	CEEE
Storjohan, Don - Garwin	Tama	IA	Honey Farms	Buy Fresh/Buy Local Campaign	CEEE
Swale, Tom - Traer	Tama	IA	Meat Producers	Buy Fresh/Buy Local Campaign	CEEE
Toledo	Tama	IA	Farmers Market	Buy Fresh/Buy Local Campaign	CEEE
Traer	Tama	IA	Farmers Market	Buy Fresh/Buy Local Campaign	CEEE
Van's Locker, Inc. - Dysart	Tama	IA	Meat Lockers	Buy Fresh/Buy Local Campaign	CEEE
Vienna Farms - Gladbrook	Tama	IA	Egg & Poultry Producers, Meat Prod	Buy Fresh/Buy Local Campaign	CEEE
Werner, Eric & Michele - Toledo	Tama	IA	Fruits & Vegetables, Egg & Poultry Producers, Meat Producers, Garden Centers	Buy Fresh/Buy Local Campaign	CEEE
Iowa Connections	Tama	IA	Economic Development	Economic Development Assistance	IDM
Opportunity Works - Multi-community	Tama	IA	Economic Development	Economic Development Assistance	IDM
Prescribed Fire Mgmt Workshop 1	Tama	IA	Natural Resource Management	5-Day Training	IRVM
Tama	Tama	IA	Manufacturing (20-39)	Air Assistance	IWRC
Toledo	Tama	IA	Services (70-89)	Air Assistance	IWRC
Traer	Tama	IA	Transportation and Public Utilities (40-49)	Air Assistance	IWRC
NE Iowa Rural Roundtable- fall & spring	Tama	IA	Economic Development	Entrepreneurship Development	RBC/SBDC
Tama County Entrepreneurs	Tama	IA	Retail/Manufacturing/Service/Technology	Marketing/Branding	RBC/SBDC
Bedford Area Economic Development	Taylor	IA	Economic Development	Economic Development Assistance	IDM



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Southwest Iowa Marketing Coalition	Taylor	IA	Economic Development	Economic Development Assistance	IDM
Union County Economic Development - Creston	Union	IA	Economic Development	Economic Development Assistance	IDM
Creston	Union	IA	Services (70-89)	On-Site Assistance	IWRC
Creston	Union	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
River Hills Initiative	Van Buren	IA	Economic Development	Economic Development Assistance	IDM
River Hills Initiative	Wapello	IA	Economic Development	Economic Development Assistance	IDM
Prescribed Fire Mgmt Workshop 1	Wapello	IA	Natural Resource Management	5-Day Training	IRVM
Eddyville	Wapello	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Eddyville	Wapello	IA	Manufacturing (20-39)	Air Assistance	IWRC
Ottumwa	Wapello	IA	Services (70-89)	Air Assistance	IWRC
Carlisle	Warren	IA	Manufacturing (20-39)	Air Assistance	IWRC
Indianola	Warren	IA	Manufacturing (20-39)	Air Assistance	IWRC
Mid Prairie Middle School - Kalona	Washington	IA	Middle School	Technical Education/Energy Efficiency	CEEE
Riverside Elementary - Riverside	Washington	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Modine Manufacturing - Washington	Washington	IA	Manufacturing	Training	EDC
Washington	Washington	IA	Wholesale Trade (50-51)	On-Site Assistance	IWRC
Washington	Washington	IA	Manufacturing (20-39)	Air Assistance	IWRC
Washington County Engineer	Washington (2)	IA	Roadside Vegetation Management	Program Implementation Mtg	IRVM
River Hills Initiative	Wayne	IA	Economic Development	Economic Development Assistance	IDM
Prescribed Fire Mgmt Workshop 2	Wayne	IA	Natural Resource Management	4-Day Training	IRVM
Allerton	Wayne	IA	Manufacturing (20-39)	Air Assistance	IWRC
Corydon	Wayne	IA	Manufacturing (20-39)	Air Assistance	IWRC
Seymour	Wayne	IA	Manufacturing (20-39)	Air Assistance	IWRC
Iowa Central Community College - Fort Dodge	Webster	IA	Community College	Electric Car Construction	CEEE
Prescribed Fire Mgmt Workshop 2	Webster	IA	Natural Resource Management	4-Day Training	IRVM
Fort Dodge	Webster	IA	Transportation and Public Utilities (40-49)	Air Assistance	IWRC
Fort Dodge	Webster	IA	Manufacturing (20-39)	Air Assistance	IWRC



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Fort Dodge	Webster	IA	Mining (10-14)	Air Assistance	IWRC
Gowrie	Webster	IA	Public Administration (91-97)	Air Assistance	IWRC
Lake Mills High School - Lake Mills	Winnebago	IA	High School	Environmental Issues Instruction	CEEE
Lake Mills Middle School - Lake Mills	Winnebago	IA	Middle School	Environmental Issues Instruction	CEEE
North Central Iowa Growth Partnership	Winnebago	IA	Economic Development	Economic Development Assistance	IDM
Winn-Worth Betco	Winnebago	IA	Economic Development	Economic Development Assistance	IDM
Forest City	Winnebago	IA	Services (70-89)	On-Site Assistance	IWRC
Lake Mills	Winnebago	IA	Manufacturing (20-39)	Air Assistance	IWRC
Forest City Economic Development Corp.	Winnebago	IA	Economic Development	MyEntreNet-Entrepreneurship Develop	RBC/SBDC
Winnebago	Winnebago	IA	Economic Development	MyEntreNet-Entrepreneurship Develop	RBC/SBDC
Northeast Iowa Business Network	Winneshiek	IA	Economic Development	Economic Development Assistance	IDM
Lubke's Natural Beef - Decorah	Winneshiek	IA	Meat Producers	Buy Fresh/Buy Local Campaign	CEEE
Prescribed Fire Mgmt Workshop 2	Winneshiek	IA	Natural Resource Management	4-Day Training	IRVM
Calmar	Winneshiek	IA	Construction (15-17)	Air Assistance	IWRC
Decorah	Winneshiek	IA	Manufacturing (20-39)	On-Site Assistance	IWRC
Decorah	Winneshiek	IA	Food Manufacturing	Start-up	JPEC
Keystone Area Education Agency 1	Winneshiek	IA	Education	Entrepreneurship Educational Tools	RBC/SBDC
NE Iowa Entrepreneurs	Winneshiek	IA	Retail/Manufacturing/Service/Technology	Business Succession Planning	RBC/SBDC
NE Iowa Rural Roundtable- fall & spring	Winneshiek	IA	Economic Development	Entrepreneurship Development	RBC/SBDC
South Winneshiek High School	Winneshiek	IA	Education	Youth Entrepreneurship Training	RBC/SBDC
Winneshiek County Businesses	Winneshiek	IA	Retail/Manufacturing/Service/Technology	Business Succession Planning	RBC/SBDC
Sergeant Bluff/Luton - Sergeant Bluff	Woodbury	IA	High School	Electric Car Construction	CEEE
Dakota Valley	Woodbury	IA	Economic Development	Economic Impact	IDM
Hornick	Woodbury	IA	Wholesale Trade (50-51)	On-Site Assistance	IWRC
Sioux City	Woodbury	IA	Services (70-89)	Air Assistance	IWRC
Sioux City	Woodbury	IA	Wholesale Trade (50-51)	On-Site Assistance	IWRC
Sioux City	Woodbury	IA	Services (70-89)	On-Site Assistance	IWRC
Sioux City	Woodbury	IA	Services (70-89)	On-Site Assistance	IWRC
Sioux City	Woodbury	IA	Manufacturing (20-39)	Air Assistance	IWRC



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private	Woodbury	IA	Natural Resouce Management	Technical Workshop	TPC
Northwood-Kensett Elementary	Worth	IA	Elementary School	Technical Education/Energy Efficiency, Environmental Issues Instruction	CEEE
North Central Iowa Growth Partnership	Worth	IA	Economic Development	Economic Development Assistance	IDM
Hanlontown	Worth	IA	Manufacturing (20-39)	Air Assistance	IWRC
Northwood	Worth	IA	Manufacturing (20-39)	Air Assistance	IWRC
Worth County Board of Supervisors	Worth	IA	Roadside Vegetation Management	IRVM Educational Presentation	IRVM
Clarion Elementary - Clarion	Wright	IA	Elementary School	Technical Education/Energy Efficiency	CEEE
Clarion/Goldfield Middle School - Clarion	Wright	IA	Middle School	Environmental Issues Instruction	CEEE
Clarion	Wright	IA	Manufacturing (20-39)	Air Assistance	IWRC
Goldfield	Wright	IA	Manufacturing (20-39)	On-Site Assistance	IWRC



Grow Iowa Values Fund – Technology Transfer

UNI Applied Research Projects

Dual Stage Phenolic Urethane Cold Box Process, Dr. Scott Giese and Jerry Thiel UNI Metal Casting Center

The dual stage phenolic urethane cold box process improves the core production process by efficiently distributing an amine catalyst through an air blown sand core. The first phase of the developmental project explored the design of a pressure relief core vent to regulate the air flow rate through the core. Utilizing this approach, the original spring valve was replaced with a leaf spring, reducing the complexity and assembly steps of the core vent. In the second phase, metallic tooling was designed and manufactured to better understand the operation of the vents and their influence on volumetric flow rate within a permeable media. The research group is still working with industrial partners, Ashland Chemicals and John Deere. Once the operating conditions are measured at the core vents, this information will be supplied to Ashland Chemicals for process simulation.

Nanoscale Surface Profiling by Laser Interferometry - Dr. Fred Behroozi, Physics

The purpose of the research project was to demonstrate the ability to detect very minute vibrations of solid surfaces by laser interferometry. Tests were performed on a piezoelectric disk which allowed precise control of the vibration amplitude and frequency. Amplitude of vibration to better than 5 nanometers was detected without surface contact. The vibration profile of the vibrating surface was mapped to determine the maxima and minima in vibration amplitudes over a surface area of about one square inch. Local slope variations on the surface area were detected on a surface area of about one square micron. Nanoscale detection of surface vibrations has possible applications in early detection of miniature cracks and other surface defects. The feasibility study is complete and the researcher will proceed with disclosure and patent application.

Creating a Proof of Concept: the Augmented Sock—a Pressure-Equalizing Insert for Leg Prostheses - Dr. Cliff Chancy and Dr. Nancy Hamilton

The purpose of the research project was to develop a sock or insert to equalize pressures for prostheses patients. During the project, a prototype sock was created and shared with Dennis Clark of Clark & Associates Prosthetics & Orthotics (Waterloo, IA). Clark & Associates provided some material support to the project (stump molds). Mr. Clark has expressed great satisfaction and a strong desire to pursue further development of the joint project. A new, robust "sock" for prostheses; one that more effectively equalizes pressure along the load-bearing areas of a limb is under development. Applying simple physics may revolutionize this area of health engineering. Clark & Associates are national players and will continue to work with the researchers.



Development of a low-cost microcontroller-based data acquisition system for machine condition monitoring – Dr. Julie Zhang, Industrial Technology

The project focused on developing a cost-competitive data acquisition system for monitoring machining processes by integrating off-shelf components. Through the developed data acquisition system, machining condition signals can be visualized in real time. The system helped diagnose and predict cutting tool conditions so as to replace the cutting tools as needed. The prototyping approach of hardware integration, interface and software creation generated in the research project has a potential for commercialization, but strain gage sensors for cutting force measurement have some installation problems and were not included in real time testing. The project concluded that the data acquired by the accelerometer was a cost effective method of monitoring machining processes and the interface of hardware systems and software programs was successful. Enhancements to the software and mounting sensors are needed to help commercialize this research.

Robotics- Deployed Detection of Biological Agents – Dr. Michael Walter, Biology

The purpose of this project is to design and develop robotics-deployed detection systems for sensing the presence of dangerous bio-agents, particularly anthrax spores. There is precedence established that this kind of process works. Similar detection methods developed elsewhere for other kinds of dangerous bacteria have been proven by other researchers. The proposed method of detection is very similar, but the specific phages are unique using the phage-QCM design but make use of phages of *Bacillus anthracis* (causal agent of anthrax) isolated from soil, subjected to a selection process that requires the phages to bind first to the QCM electrode, then to *B. anthracis*. The robot-deployed PBAD being developed at UNI offers a unique niche benefit of a very rapid response time (150 seconds) and highly accurate readings. Civilian first responders have no anthrax vaccination, nor are they as thoroughly trained as soldiers with protective attire, masks, etc. Initial contracts with Recon Robotics will develop working prototypes of robot-deployed PBADs, but the right to decide final licensing, manufacturing and distribution of the units has been reserved.